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SECOND BIENNIAL REPORT

**DEPARTMENT OF
LABOR and INDUSTRY**

STATE OF MONTANA

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STATE OF MONTANA

Second Biennial Report
OF THE
Department of Labor
and Industry

1915-1916

W. J. SWINDEHURST, *Commissioner*

INDEPENDENT PUBLISHING CO.
HELENA, MONTANA



DEPARTMENT OF LABOR AND INDUSTRY.

W. J. SWINDEHURST, Commissioner.

W. R. BAKER, Chief Clerk.

W. B. OREM, State Mine Inspector.

JOHN SANDERSON, State Coal Mine Inspector

PERCY L. BROWN. State Boiler Inspector.

ROY SIEGER, Clerk.

MARY A. STOKES, Stenographer.

State of Montana Department of Labor and Industry

Helena, Montana, November 30, 1916.

The Honorable S. V. Stewart,
Governor of Montana,
Helena, Montana.

Sir:

I have the honor to submit herewith, as provided by Chapter 55, Session Laws of 1913, the second report of the Department of Labor and Industry, covering the biennial period ended November 30, 1916.

The two years which have elapsed since the preceding biennial report was issued are in many respects without parallel in the history of the state. This statement is based upon the unusual and widespread improvement in business and industrial conditions, opportunity for employment, better copper prices with increased wages for the miners, prosperity of the farmers, development of our latent resources, and the general and material progress which has been made in Montana during the past two years.

This is in direct contrast to the situation which prevailed at the close of the last biennal period. The revolt of the Butte miners from the Western Federation, with its attendant rioting and destruction of property, necessitating the sending into Butte of state troops to quell the disturbance, had affected business seriously in many of the principal industrial centers of the state. Stagnation in business was followed by a further depression because of the unexpected European war, which broke out August 1, 1914, causing additional complications in an already unfortunate situation. Most of the mining companies in the Butte district ceased operations within a fortnight after hostilities commenced. The closing of the big smelters at Anaconda, Great Falls and

other subsidiary plants of the Anaconda company followed, throwing thousands of men out of remunerative employment. The period from August 1, 1914, to February 1, 1915, indicated serious disaster. The unexpected boom in copper and zinc, however, resulted in a resumption of activities in February of the latter year. By April 1, practically all mines in the Butte district had reopened, and the output was being increased as never before. The continued demand and increased price of copper and spelter have resulted in the output being steadily increased from month to month, until approximately 22,000 men are now working in the Butte mines at the highest scale of wages ever paid in the quartz mining industry of the state.

The smelter and reduction plants at Butte, Anaconda and Great Falls are working at the extreme limit of their capacity, and a new zinc smelter and copper refinery were built during the year 1916 by the Anaconda company, adjacent to the big power plants recently completed at Great Falls.

The year 1916, says the State Mine Inspector, has proved the greatest from an industrial standpoint in Montana's history, and of all the varied industries, mining shows the greatest advance when the gross value of the output is considered. Figures shown in his report are truly amazing. All records have been smashed in the production of minerals in Montana during the past year.

According to the State Mine Inspector, the copper production of the Treasure State by far exceeds the 300,000,000 pound mark. The zinc production amounts to about two-thirds (in pounds) of the copper production. Montana in 1916 has produced more silver than since the palmiest days when the white metal was selling above a dollar an ounce. The state is also a liberal producer of lead, while the gold output in 1916 was the best in years.

Two-thirds of the state's output comes from the Butte district. The pay-roll of this district is the largest in the world for a city of equal population. The Butte hill, upon and around which the remarkable mining district is established, has given to the world one thousand million dollars in copper ore, and it is estimated many times that quantity yet lies stored beneath the city's streets.

The solid foundation upon which the prosperity of the state's agricultural districts rests is attested by the huge crop production brought forth from the soil during this period. The season of 1915 was particularly favorable for the growing of all kinds of agricultural products, and the crop of that year will go down in the state's history as the most phenomenal and bounteous in the memory of the oldest inhabitants. While the season of 1916 has not been as favorable for the growing of small grains, resulting in a decreased yield, nevertheless a fair average crop has been harvested, except in a few sections, and sold at an unusually favorable price. With a tendency to diversification and development of the live-stock industry, particularly along lines of dairying and hog-raising, the agricultural districts are continuing to progress and grow apace.

There can be no doubt that in most lines of industry in the state a much better condition exists than for several years past. In some lines, notably in the copper mining industry, the improvement has been more substantial and marked than in others. Nevertheless, it is gratifying to feel that the state as a whole is enjoying more than a fair average of prosperity, with good prospects of its continuing for some time to come.

It is a matter of regret that the coal and lumber industries have not fully realized an equitable share in the resumption of activities and return of good times. For a number of years, the coal mines while working regularly have employed a comparatively small and reduced force. The development of huge hydro-electric power plants, the substitution of electricity for steam power in the mines and smelters, the electrification of the Butte, Anaconda & Pacific and 450 miles of the Chicago, Milwaukee & St. Paul railways in Montana have resulted in a decreasing demand for large quantities of coal. On the other hand, the large immigration of settlers into all parts of Montana is opening up a new market for coal heretofore unknown.

Despite these adverse conditions, according to the State Coal Mine Inspector, the extensive operation of the various railroads and extreme cold weather during the winter of 1915 and 1916 have given considerable stimulus to the industry throughout the state, the production of coal for the

past two years showing a noticeable gain. While the production in 1915 was about normal, the demand for coal during the past year was so great that the production of coal in 1916 increased more than 1,000,000 tons over 1915.

The Coal Mine Inspector's report for the past year shows that there has been an increase in the number of fatal accidents, as compared with the previous year. With reference to accidents, the report says:

"All accidents have occurred in the usual manner, mostly on account of falling coal and rock, or moving cars. At no time has there been an accident fatal to any great number of men, such as would be the result of an explosion of fire-damp. The coal mining industry of Montana is fortunate in not having to contend with large quantities of fire-damp, there being very little explosive gases generated by the coal mines in this state."

Concerning the question of ventilation, the Coal Mine Inspector says:

"The most surprising feature noticeable in connection with the management of some of the mines, is the failure of the officials to avail themselves of the tools of modern science. These officials claim to be up-to-date and progressive in all that pertains to coal mining, and yet, on visiting their mines, the very first stopping examined shows that it was constructed in a very primitive manner, in many cases powder kegs and dirt being used. Stopping, simple and ordinary as it appears, is in reality the most important part of the development and maintenance of a coal mine.

"A number of complaints have been received at this office of lack of ventilation in some of the mines. On investigation of some of the complaints, the assertion is justified that there is much room for improvement in some of the mines. These conditions have not developed of late but have been in existence for a number of years. When these mines first opened, their trouble commenced and has existed since the time of their first cross-cut being put through. Under these conditions, with a careless foreman in charge, who not only neglects to stop up

the back cross-cut when the new cross-cut is finished, but who actually leaves from three to ten cross-cuts open in the different entries, is it to be wondered at that the ventilation is sluggish at the face of the workings in these mines?"

The past year has developed a much more active lumber market, and several mills which were closed a year ago have resumed operation. The continued cold weather and heavy fall of snow in the winter of 1915-16 were exceptionally favorable for logging operations, and much activity was shown by all logging concerns during the entire winter season. Notwithstanding some advance in the price of lumber at the mills, the rise has not been sufficient to equalize a situation which discriminates in favor of the lumber manufacturers of the Pacific Coast states. The situation, however, is full of promise for the immediate future. The continued influx of new settlers into eastern Montana, equipped with modern ideas of advancement, energy and improvement, who are building up prosperous new towns and counties, will give stimulus to this important industry by creating new markets for lumber in a territory heretofore but sparsely settled and practically undeveloped. Improvement in the industry would appear to be assured.

Turning aside from business and industrial conditions, a brief review of the work performed, as designated by legislative enactment, is necessarily in order and appropriate at this time. The fulfillment of these duties has been accomplished as far as possible under difficult and trying circumstances. The reduction of the original appropriation of \$2,000 for annual current expenses to \$1,000 was embarrassing, as the latter sum has been found insufficient for necessary office and traveling expenses. As a result some difficulty has been experienced in collecting statistics, the enforcement of labor laws, and in the matter of several investigations pertaining to the well-being and surrounding conditions of wage earners in various occupations, while the reduced appropriation made necessary the curtailment of the statistical part of this report.

The attention of the Department during the past two years has been largely occupied in the investigation of labor conditions and the collecting and assembling of statistics which

it was expected would be used in this report. Considerable attention has also been paid to the administration of the workmen's compensation law, which became effective July 1, 1915. Realizing that this law would become a potent factor in the industrial and social life of the state, the Commissioner has endeavored to familiarize himself as far as possible with the practical workings and administration of the act. The new safety act incorporated and combined with the compensation law has also received a considerable portion of the Commissioner's time and attention. Of prime importance is this part of the law, which delegates to the Industrial Accident Board authority to compel employers to equip their plants with proper safeguards, as a means of preventing accidents in hazardous occupations.

While minor defects have been revealed in the law through practical operation, it has given in the main universal satisfaction, and few people could be found who would advocate a return to the old employer's liability system. Weak and ambiguous sections in the law, however, should and doubtless will be changed and corrected through amendment by the legislature this winter.

In conformity with a well established custom by various state labor bureaus of investigating food prices, a compilation has been made of the wholesale and retail prices of family consumption, arranged from returns received from dealers in all sections of the state. Sixty cities and towns are included in this tabulation, representing the identical communities covered by the previous report. Since the collection of these figures, however, there has occurred such an unprecedented increase in practically all commodity prices as to defeat the object sought to be attained when the price-lists were secured. They are accordingly omitted from this report.

Under the heading of "Smelting and Treatment of Ores," an article by Mr. E. P. Matthewson, late manager of the Washoe smelter at Anaconda, was secured and well illustrated. Owing to the importance of this industry, the exceptional qualifications and opportunities possessed by Mr. Matthewson for preparing this article, and because of the recognition accorded him as an authority on the subject, it was thought that this article would prove one of the interesting features of this report. Owing to lack of space, however, it is neces-

sarily omitted. Other articles prepared for this report, but which it was later found necessary to omit, are "Gold Dredging in Montana," "The Timber Industry," the "Production of Precious and Semi-Precious Stones," "Undeveloped Montana Industries," and descriptions of several special business enterprises which have attained a leading rank and standing among the diversified industries of Montana at this time.

It is a significant fact, and worthy of special mention, that sanitary conditions have improved wonderfully in all industrial plants, as compared with a few years ago. Good sanitary conditions with few exceptions prevail in all the important plants and workshops of the state. Practically all places are equipped with modern plumbing and good sewerage, and due regard is apparently had for the convenience, comfort and well being of employes. As a rule, these conditions are found in the plants of the larger corporations, which are alive not only to the importance of accident prevention, but realize the necessity of sanitary safeguards and sanitary regulations. Some of the essential features of good sanitation are still lacking in many of the smaller plants and institutions.

The big smelters, up-to-date saw mills, the beet sugar factory and other important concerns have installed sanitary drinking fountains throughout their plants, in place of ordinary drinking cups. Both quartz and coal mines are equipped with modern steam-heated change rooms with shower baths, and are maintained in all cases without charge to the men. Free baths are also provided by the larger lumber companies, both in their saw mills and logging camps. They are freely used and appreciated by employes, and their practical utility appears to be fully established. With few exceptions, owners and managers of large industrial plants are striving earnestly to improve the present situation and maintain a better standard of living and working conditions.

Realizing that the prevention of accidents is of prime importance, employers of labor have become impressed with the "safety first" movement, and are endeavoring to adopt effective means and methods for preventing injuries to their men. Even in the smaller plants, where formerly but little attention was paid to accident prevention, a noticeable improve-

ment has occurred in the equipment of mechanical safeguards for the protection of employes in hazardous occupations.

The Montana compensation law, which incorporated a provision for safety inspection under the supervision of the Industrial Accident Board, has undoubtedly lessened accidents through the enforcement of regulations for covering and protecting dangerous machinery in plants and workshops heretofore deficient in means and devices for the safe-guarding of employes whose duties subject them to constant hazard from exposed and unguarded machinery. It is a gratifying fact that this work is being accomplished with little opposition from employers of labor. For the most part, companies are anxious to receive suggestions and to remedy all shortcoming that might result in causing accidents. While absolute immunity from injury is impossible, a large percentage are preventable, and if the necessary precaution could always be taken, it would result in reducing the liability of accidents to a minimum.

Two unusual and regrettable accidents occurred during the past two years, the most serious and deplorable in the history of the mining industry of the state. On October 16, 1915, a mine car containing 500 pounds of dynamite exploded at the mouth of the shaft of the North Butte Mining company, preparatory to being lowered to the underground workings of the mine. Seventeen men were instantly killed by this accident, and two others were seriously, although not fatally, injured.

February 14, 1916, witnessed another unusual accident in Butte as a result of a fire which started from unknown causes in the Pennsylvania mine, owned by the Anaconda Copper Mining company, and one of the largest and best producers in the Butte district. Twenty-one men lost their lives in this fire, being suffocated by gas and smoke. On November 6, 1889, nine men lost their lives in a similar fire which started in the St. Lawrence mine. The fire begun then has been burning ever since. It has been constantly eating its way through the sulphur ore for 27 years, but is kept confined by bulkheads of concrete.

Notwithstanding prompt and diligent inquiry and investigation which was instituted by government, state and county

officials, the cause of neither accident has ever been definitely determined.

The conditions of labor during the past two years have been very satisfactory and encouraging. It is no exaggeration to say that employment at fair wages has been more continuous and abundant than for many years. Definite and conclusive evidence that such is the case is furnished by the vast amount of development and construction work which was begun and completed during the period covered by this report. Millions of dollars have been spent in this period by the Montana Power company in building dams and constructing huge power plants in the Missouri and Clark's Fork rivers, and in the electrification of the Milwaukee railroad. From two to four million dollars has been expended by the Mountain States Telephone and Telegraph company, covering the same length of time, in the reconstruction of old lines and in new development work. The Great Northern, Northern Pacific and Milwaukee railroads have extended their lines into new territory heretofore without railroad transportation and facilities. The copper smelters at Anaconda and Great Falls have been remodeled and practically rebuilt to conform to modern ideas and invention in metallurgical development. The erection of a copper refinery and zinc smelter at Great Falls is another permanent addition to Montana's growing industries and indicates to some extent the prosperity which has attended Montana's industrial activities.

And these are only the important factors in the state's advancement, which are mentioned to show that an increased and enlarged demand for labor has occurred during the past two years.

Consideration is again requested of the legislative assembly for several important measures recommended by the Department in its biennial report published two years ago.

The Department desires to renew its former recommendation for the passage of an act providing for the prompt payment of wages. What is wanted is a simple and expeditious method of collecting wages without formalities or technicalities. Nothing has better demonstrated the need for such legislation than the many complaints received at this office during the past four years.

Conditions revealed through investigation made by the Department as a result of numerous complaints filed by persons who have been victimized by unscrupulous employment agents, furnish additional and conclusive evidence that the most stringent legislation is necessary to protect workmen against misrepresentation and fraudulent abuses of this nature. Some rigid regulation for private employment agencies should be provided in this state, and a method devised for the punishment of agents who make fraudulent misrepresentation or fail to live up to the contract made with the men. The Department believes that the best method of regulating these abuses is to abolish all employment offices conducted for profit.

It would greatly facilitate the work of the Department if the legislature passed an act compelling county and municipal officials to respond promptly to questions asked for statistical information.

Serious objection has been raised among the wage earners of the state over the deduction from their earnings for road and poor taxes and hospital fees. Complaints have been numerous the past season in connection with the system of collection which admits of a number of abuses. Some better method of collecting these fees other than the present arbitrary deduction upon demand by the various county assessors should be devised if possible.

The usefulness of the Department has been seriously handicapped during the past two years, as a result of the reduction from \$2,000 to \$1,000 in the annual appropriation made by the Fourteenth Legislative Assembly for office and traveling expenses. If the Department is to be of material service to the wage earners of the state, it is important and necessary that sufficient funds be available for carrying on the work contemplated in the original act passed, establishing a labor department and defining its functions and purposes. It will readily be seen that the present appropriation of \$2,000 is insufficient to meet the requirements of the office covering a two years' period. It is sincerely hoped the next legislature will realize the importance of giving due consideration to the above suggestion and restore the original appropriation of \$2,000 a year to the Department.

Acknowledgment is again made of the faithful and efficient services rendered by Col. W. R. Baker, Chief Clerk, and Miss Mary A. Stokes, Stenographer. Both have been faithful and diligent, and the character of their work merits special mention.

Respectfully submitted,

W. J. SWINDLEHURST,

Commissioner.



Manufacturing in Montana.

The following chapter consists of a tabulation of statistics relating to the manufacturing industries of the state. Although Montana is comparatively unimportant as a manufacturing community, it will be seen from the figures herewith given, that manufacturing operations carried on during the last biennial period, when taken as a whole, have contributed a considerable proportion to the net wealth created by the state.

A comparison of these tables with the returns published in the last biennial report of this Department brings out the fact that the manufacturing industries of Montana have shown a considerable growth during a two years' period from December 1, 1914, to December 1, 1916. When compared with the United States census returns for 1909, the growth in the number of establishments and the increase in production and the number of wage earners employed will show figures that are little short of amazing.

The investigations made by the Department embrace saw mills, planing mills, logging operations, breweries and bottling works, flour mills, butter creameries, cheese factories, brick and clay factories, cigar makers, meat packers and important slaughtering plants, steam laundries, monumental works, drug manufacturers, foundries, repair and machine shops and manufacturing institutions supplementary to mining interests for the treatment of minerals and ores.

SECOND BIENNIAL REPORT

TABLE NO. 1—MONTANA

Postoffice	Goods Manufactured or Handled		Date When Established	Capital Invested	Daily Capacity ft. b. m.	Yearly Output feet b. m.
Alger	Lumber	1910	\$ 2,250	48,743	922,122	
Big Sandy	Lumber	1912	1,000	* 225,000	* 36,457,158	150,000
Bonner	Lumber and lath	1898	1,904,960	‡ 22,000	‡ 4,174,000	
Boulder	Lumber	1898	3,000	15,000	1,161,136	
Bozeman	Lumber	1904	4,000	8,000	208,000	
Brûlé	Lumber	1916	1,000	4,000	250,000	
Brûlé	Lumber	1908	7,500	15,000	500,000	
Butte	Lumber	1915	1,000	4,000	200,000	
Chico	Lumber and shingles	1912	2,000	* 6,000	* 350,000	200,000
Choteau	Lumber	1915	1,500	5,000	200,000	
Clyde Park	Lumber	1915	3,000	9,000	800,000	
Clyde Park	Lumber	1915	3,000	8,000	600,000	
Columbia Falls	Lumber	1903	25,000	30,000	3,000,000	
Columbia Falls	Lumber	1911	20,000	35,000	3,640,000	
Columbia Falls	Lumber	1899	20,000	70,000	10,000,000	
Cook City	Lumber	1912	4,750	8,000	380,000	
Cyr	Lumber	1913	3,500	15,000	2,000,000	
Dean	Lumber	1908	1,000	2,500	100,000	
De Borgia	Lumber	1911	3,000	40,000	5,000,000	
Dillon	Lumber	1911	500	2,000	40,000	
Drummond	Lumber	1910	1,000	2,000	100,000	
Ekalaka	Lumber	1911	4,000	7,000	400,000	
Ekalaka	Lumber, lath, shingles	1910	3,500	* 10,000	* 400,000	‡ 100,000
Eureka	Lumber and lath	1906	1,000,000	‡ 30,300	‡ 5,000,000	
Fortine	Lumber	1910	100,000	50,000	12,000,000	
Glacier Nat'l Park	Lumber	1914	7,588	8,833	2,560,000	
Greycliff	Lumber	1915	3,500	3,000	200,000	
Hamilton	Lumber	1910	2,000	6,000	175,000	
Hall	Lumber	1914	100,000	20,000	2,000,000	
Hamilton	Lumber and shingles	1895	450,000	‡ 35,000	‡ 4,605,500	
Haugan	Shingles	1914	10,000	100,000	* 20,000,000	
Helmsville	Lumber	1909	600	8,000	160,000	
Helmsville	Lumber	1915	500	5,000	300,000	
Henderson	Lumber and lath	1906	800,000	‡ 25,000	‡ 5,000,000	
Hoffman	Lumber	1900	100,000	10,000	190,000	
Hoffman	Lumber	1898	10,000	8,000	500,000	
Hoffman	Lumber	1901	1,500	12,000	300,000	
Hot Springs	Lumber, lath, shingles	1914	10,000	* 12,000	* 15,000	300,000
Hysham	Lumber	1911	1,000	3,000	100,000	
Hysham	Lumber	1913	500	4,000	100,000	
Jeffers	Lumber	1914	1,000	6,000	250,000	
Judith Gap	Lumber	1914	3,000	5,000	100,000	
Lakeview	Lumber and shingles	1908	1,500	5,000	100,000	
Libby	Lumber	1912	100,000	30,000	6,000,000	
Libby	Lumber and lath	1910	750,000	‡ 30,000	‡ 7,500,000	
Melville	Lumber	1907	1,500	4,000	200,000	
Mill Creek	Mining stumps, props, poles	1911	225,000	1,050	375,469	
Missoula	Lumber	1905	6,000	40,000	10,000,000	
Missoula	Lumber	1910	340,000	130,000	23,000,000	
Noxon	Lumber and ties	1910	14,000	* 30,000	* 780,000	7,000
Ovando	Lumber	1911	10,000	10,000	160,000	

MANUFACTURES—SAW MILLS.

Males Employed			Hours Per Day		Days Per Month Males		Months Per Year		Days Per Month Females		Ave. Wage Per Day			
Skilled	Unskilled	Females Employed	Males	Females	Males	Females	Year	Skilled	Unskilled	Wages Females		Number of Horse Power		
4	22	0	9	0	19	26	0	\$5.62	\$2.65	\$... 0	50		
3	2	0	10	0	26	3	0	3.00	2.00	0	20			
41	78	0	9	0	25	8	0	4.29	2.72	0	500			
0	55	1	10	11	26	12	30	0	3.00	2.50	60			
0	33	0	10	0	26	1	0	0	2.75	0	60			
0	33	0	10	0	26	3	0	0	2.50	0	16			
3	9	1	9	12	26	2	30	3.50	2.25	2.25	95			
2	2	0	9	0	26	2	0	4.00	3.00	0	25			
3	2	0	10	0	26	6	0	3.00	2.00	0	35			
1	3	0	10	0	26	3	0	3.00	2.50	0	25			
0	4	0	10	0	26	3½	0	0	3.00	0	25			
1	5	0	10	0	26	3	0	3.00	2.50	0	35			
7	13	0	9	0	26	4	0	4.00	2.25	0	100			
12	15	0	10	0	26	4	0	3.25	2.25	0	85			
11	18	0	10	0	26	8	0	4.00	2.50	0	200			
5	3	0	8	0	26	5	0	4.25	3.00	0	75			
4	20	0	9	0	26	7	0	4.50	2.90	0	30			
2	1	0	8	0	26	2	0	4.00	2.50	0	14			
8	12	0	9	0	26	10	0	4.00	2.50	0	25			
0	2	0	9	0	26	1	0	0	3.00	0	20			
0	2	0	9	0	26	2	0	0	3.00	0	15			
0	5	0	10	0	26	8	0	0	2.25	0	25			
2	7	0	10	0	26	8	0	4.00	2.50	0	30			
20	35	0	10	0	26	8	0	3.25	2.25	0	500			
10	15	0	10	0	26	10+	0	5.00	2.50	0	225			
3	12	0	12	0	30	11	0	5.40	3.60	0	55			
0	2	0	8	0	20	3	0	0	2.50	0	25			
1	1	0	9	0	8	4	0	4.00	3.00	0	20			
4	10	0	9	0	26	6	0	4.00	2.50	0	25			
41	62	0	9	0	26	9	0	3.80	2.50	0	375			
8	3	0	10	0	26	8	0	5.00	2.75	0	70			
5	0	0	10	0	26	1	0	3.50	0	0	18			
1	5	0	6	0	26	3	0	4.00	2.50	0	15			
21	5	0	10	0	26	8	0	4.00	2.75	0	250			
2	8	0	10	0	26	2	0	3.00	2.25	0	32			
2	18	1	10	12	26	5½	30	3.50	2.50	2.35	25			
0	6	0	10	0	26	2	0	0	2.50	0	20			
5	6	0	9	0	26	2	0	2.75	2.50	0	35			
2	2	0	8	0	26	2	0	3.75	2.50	0	20			
1	2	0	10	0	26	1	0	3.50	2.50	0	45			
1	2	0	10	0	26	2	0	4.00	2.50	0	30			
3	3	0	10	0	26	1	0	6.00	2.50	0	40			
0	2	0	10	0	5	4	0	0	3.00	0	90			
3	8	0	10	0	26	8	0	3.00	2.50	0	100			
40	100	0	10	0	26	11	0	4.00	2.50	0	750			
2	1	0	10	0	26	2	0	4.00	2.50	0	15			
2	45	0	9	0	30	12	0	4.00	3.00	0	150			
6	25	0	9	0	26	10	0	4.00	2.75	0	50			
39	32	0	10	0	26	7½	0	4.10	2.83	0	150			
3	14	0	9	0	26	1	0	4.00	2.75	0	100			
1	5	0	8	0	26	1	0	4.00	2.00	0	25			
2	6	0	10	0	26	2	0	4.00	2.50	0	15			

SECOND BIENNIAL REPORT

TABLE NO. 1—MONTANA MANU

Postoffice	Goods Manufactured or Handled	Date When Established	Capital Invested	Daily Capacity ft. b. m.	Yearly Output feet b. m.
Ovando	Lumber	1908	2,500	10,000	300,000
Philipsburg	Lumber	1911	1,600	4,000	50,000
Philipsburg	Lumber	1914	500	10,000	150,000
Pine Grove	Lumber	1912	7,000	10,000	250,000
Plains	Lumber	1913	10,000	45,000	1,000,000
Pompey's Pillar	Lumber	1914	3,000	3,000	250,000
Red Lodge	Lumber	1912	600	5,000	250,000
Rexford	Lumber	1911	30,000	20,000	2,000,000
Rexford	Lumber	1912	2,400	8,000	1,000,000
Rexford	Lumber	1914	5,000	12,000	1,000,000
Ronan	Lumber	1913	2,500	5,000	350,000
Ronan	Lumber	1911	30,000	15,000	800,000
Roundup	Lumber	1908	1,500	8,000	300,000
Rygate	Lumber	1915	1,200	7,000	200,000
Saint Ignatius	Lumber	1911	4,000	8,000	40,000
Saint Ignatius	Lumber	1860		5,000	300,000
Saint Regis	Lumber and lath	1898	300,000‡	* 150,000*10,272,000	905,000
Salesville	Lumber	1913	1,500!	3,000!	50,000
Salesville	Lumber	1912	1,000!	3,000!	30,000
Somers	Lumber and lath	1900	1,000,000‡	* 250,000*60,000,000	3,000,000
Townsend	Lumber	1910	500	2,000	100,000
Townsend	Lumber	1906	1,200	3,000!	200,000
Trout Creek	Lumber	1914	1,000!	6,000!	250,000
Troy	Lumber	1910	1,500!	3,000!	150,000
Warland	Lumber	1916	50,000!	50,000!	12,000,000
Waterloo	Lumber	1915	1,600!	3,000!	75,000
Whitefish	Lumber	1916	75,000!	30,000!	1,500,000
White Sul. Spgs.	Lumber	1912	800!	5,000!	100,000
White Sul. Spgs.	Lumber	1911	1,200!	2,500!	60,000
TOTAL			\$7,606,750	2,515,626	372,635,885

FACTURES—SAW MILLS—Continued.

	Males Employed		Hours Per Day		Days Per Month Males	Months Per Year	Days Per Month Females	Ave. Wage Per Day		Wages Females	Number of Horse Power
	Skilled	Unskilled	Females Employed	Males				Skilled	Unskilled		
2	2	0	9	0	15	1	0	4.00	3.00	0	40
1	4	0	10	0	30	1	0	4.00	3.00	0	15
5	6	1	10	12	26	2	30	5.00	2.00	2.00	40
3	0	0	9	0	26	2	0	4.00	2.50	0	50
5	5	0	10	0	26	4	0	4.00	2.50	0	16
0	0	0	9	0	26	2	0	0	3.00	0	18
2	2	1	10	10	26	4	30	4.00	2.50	2.00	60
2	5	0	10	0	21	6	0	3.50	2.50	0	20
3	6	0	10	0	26	4	0	4.00	2.50	0	35
3	3	0	9	0	26	3	0	3.50	2.50	0	25
2	6	0	9	0	26	2	0	5.00	2.50	0	25
0	0	0	10	0	26	3	0	0	2.50	0	20
0	3	0	10	0	26	2	0	0	2.50	0	20
1	2	0	10	0	10	1	0	4.00	2.50	0	75
1	1	0	8	0	26	2	0	4.00	2.50	0	25
8	22	0	9	0	26	3	0	4.15	2.65	0	600
2	2	0	8	0	15	1½	0	4.00	2.50	0	16
0	2	0	9	0	20	1	0	0	2.50	0	15
14	86	0	10	0	26	8	0	4.40	2.35	0	375
2	2	0	10	0	26	2	0	4.00	2.25	0	12
0	2	0	10	0	26	2	0	0	2.50	0	10
4	0	0	9	0	20	3	0	0	3.50	0	40
1	2	0	10	0	15	6	0	4.00	2.50	0	10
12	18	0	10	0	25	10	0	5.00	2.75	0	150
1	2	0	10	0	5	12	0	5.00	2.50	0	16
0	30	0	10	0	26	2	0	0	2.75	0	50
0	2	0	10	0	26	1	0	0	2.50	0	40
1	1	0	8	0	26	3	0	3.25	2.25	0	25
409	924	5	9½	11½	24½	4½	30	\$4.00	\$2.58	\$2.22	6,680

Note—In addition to the yearly output of lumber estimated above, is a yearly output of 25,694,000 lath, 25,205,500 shingles and 7,000 ties.

- * Lumber
- † Lath
- ‡ Shingles
- ** Ties

SECOND BIENNIAL REPORT

TABLE NO. 2—MONTANA MANU

Postoffice	Goods Manufactured or Handled	Date When Established	Capital Invested	Daily Capacity ft. b. m.	Yearly Output ft. b. m.
Alger.....	Logging	1910	\$ 9,482	44,428	3,776,358
Bonner.....	Logging	1898	173,774	124,040	34,855,300
Bozeman.....	Logging	1908	3,000	10,000	500,000
Butte.....	Round Mining Timber	1913	25,000	12,500	4,000,000
Chico.....	Logging	1912	1,000	3,000	350,000
Columbia Falls.....	Logging	1914	1,500	40,000	1,000,000
Columbia Falls.....	Logging	1914	750	20,000	1,400,000
Columbia Falls.....	Logging	1911	4,000	30,000	800,000
Coram.....	Logging	1913	2,500	120,000	12,000,000
Cyr.....	Logging	1913	3,500	15,000	2,000,000
De Borgia.....	Logging	1911	3,000	20,000	14,000,000
Dillon.....	Logging	1911	600	2,000	40,000
Eureka.....	Logging	1914	3,000	15,000	2,000,000
Eureka.....	Logging	1915	100	3,000	400,000
Eureka.....	Logging	1915	14,000	75,000	4,000,000
Eureka.....	Logging	1915	1,000	20,000	2,000,000
Eureka.....	Logging	1906	20,000	100,000	5,000,000
Fortine.....	Logging	1915	1,000	30,000	2,500,000
Fortine.....	Logging	1915	500	6,000	350,000
Fortine.....	Logging	1915	2,000	10,000	1,000,000
Fortine.....	Logging	1913	1,000	10,000	1,000,000
Fortine.....	Logging	1910	100,000	50,000	12,000,000
Fortine.....	Logging	1915	1,000	40,000	4,000,000
Glacier Nat'l Park.....	Logging	1914	.....	10,000	1,200,000
Hamilton.....	Logging	1895	100,000	100,000	18,000,000
Hamilton.....	Logging	1914	4,000	20,000	3,000,000
Henderson.....	Logging	1906	125,000	100,000	15,000,000
Hoffman.....	Logging	1907	1,000	12,000	300,000
Jeffers.....	Logging	1915	1,000	3,000	100,000
Kalispell.....	Logging	1915	3,000	30,000	3,500,000
Kalispell.....	Logging	1914	10,000	10,000	2,000,000
Kalispell.....	Logging	1900	7,000	60,000	4,000,000
Libby.....	Logging	1911	200,000	225,000	70,000,000
Marion.....	Logging .....	.....	5,000	25,000	3,000,000
Mill Creek.....	Mining Timbers .....	.....	5,000	*	230*
Missoula.....	Logging	1899	10,000	10,000	3,000,000
Missoula.....	Logging	1905	50,000	45,000	10,000,000
Missoula.....	Logging	1910	30,000	100,000	18,000,000
Nyack.....	Logging	1915	.....	9,000	900,000
Nyack.....	Logging	1915	1,000	25,000	2,000,000
Nyack.....	Logging	1909	1,500	9,000	2,000,000
Ovando.....	Logging	1908	1,500	20,000	1,000,000
Philipsburg.....	Logging	1911	9,000	2,000	45,000
Plains.....	Logging	1915	7,000	50,000	2,000,000
Pompey's Pillar.....	Logging	1914	1,500	4,000	250,000
Rexford.....	Logging	1914	1,000	10,000	800,000
Rexford.....	Logging	1912	500	8,000	1,000,000
Ronan.....	Logging	1913	1,000	1,500	100,000
Saint Regis.....	Logging	1898	7,500	150,000	25,000,000
Saint Regis.....	Logging	1898	10,000	100,000	20,000,000
Somers.....	Logging	1914	90,000	83,000	25,000,000
Trego.....	Logging	1915	700	15,000	974,000
Trego.....	Logging	1915	3,000	10,000	1,000,000
Trego.....	Logging	1912	5,000	30,000	4,500,000

FACTURES—LOGGING CONCERNs.

Males Employed		Hours Per Day		Days Per Month Males		Months Per Year		Days Per Month Female		Ave. Wage Per Day	
Sklled	Unskilled	Females Employed	Males	Females	Males	Days	Month	Female	Skilled	Unskilled	Wages Female
3	45	0	9	0	26	11	3	0	\$4.00	\$2.65	\$ 0
62	161	0	9	0	25	11	0	3.29	2.42	2.42	0
2	10	1	9	12	26	3	30	3.50	2.25	2.00	0
5	45	0	9	0	30	10	0	3.50	3.00	0	0
0	5	0	10	0	26	6	0	3.50	2.00	2.00	0
0	15	1	8	10	20	4	30	0	2.50	2.00	0
0	15	1	10	10	26	4	30	0	2.70	2.00	0
0	12	1	10	16	26	1	30	0	2.70	2.00	0
3	16	1	10	12	26	4	30	3.50	2.75	1.75	0
2	15	0	9	0	26	5	0	4.00	3.00	3.00	0
5	23	1	9	12	26	4	30	3.75	3.00	3.00	0
0	3	0	8	0	26	2	0	0	3.00	0	0
4	9	1	10	10	26	8	30	2.50	2.00	2.00	0
0	3	0	10	0	26	3	0	0	2.75	0	0
2	50	0	9	0	26	3	0	4.00	2.50	0	0
5	15	0	10	0	26	4	0	3.00	2.25	0	0
20	90	0	10	0	26	5	0	2.75	2.00	0	0
2	9	0	10	0	26	4	0	3.00	2.25	0	0
0	4	0	10	0	26	4	0	0	2.75	0	0
2	10	0	9	0	26	3	0	3.75	2.70	0	0
0	5	1	10	12	26	4	30	0	1.90	2.00	0
20	25	0	10	0	26	10	0	3.00	2.25	0	0
3	45	0	9	0	26	4	0	3.00	2.50	0	0
1	15	0	10	0	26	4	0	4.00	3.00	0	0
20	80	0	9	0	26	7	0	3.75	2.50	0	0
1	20	0	9	0	26	6	0	4.00	2.50	0	0
150	28	0	10	0	26	8	0	3.00	2.00	0	0
0	7	0	10	0	30	1	0	0	2.50	0	0
0	3	0	10	0	26	2	0	0	2.50	0	0
0	30	0	10	0	26	3	0	0	1.75	0	0
4	14	0	10	0	26	8	0	3.00	2.50	0	0
20	35	0	10	0	26	4	0	2.75	2.25	0	0
60	165	0	10	0	26	12	0	4.00	2.75	0	0
10	35	0	10	0	26	5	0	3.50	2.50	0	0
1	11	1	9	8	30	12	30	4.00	3.00	2.65	2.00
3	10	2	8	11	26	10	30	3.00	1.75	0	0
5	65	0	9	0	26	10	0	3.00	2.75	0	0
19	139	0	10	0	26	8	0	4.13	2.71	0	0
0	26	0	10	0	26	4	0	0	2.50	0	0
2	16	0	10	0	26	12	0	3.00	2.50	0	0
5	25	0	10	0	26	10	0	3.00	2.50	0	0
2	20	0	10	0	26	2	0	3.50	2.25	0	0
4	0	0	9	0	22	0	0	3.00	0	0	0
10	80	0	9	0	26	2	0	3.00	2.25	0	0
0	5	0	10	0	26	3	0	0	3.00	0	0
8	0	0	10	0	26	3	0	2.50	0	0	0
3	4	0	10	0	21	6	0	2.75	2.50	0	0
0	6	0	9	0	26	3	0	0	2.00	0	0
25	275	0	9	0	26	8	0	3.50	2.25	0	0
50	100	0	9	0	26	10	0	2.70	2.40	0	0
25	300	0	10	0	26	12	0	3.00	2.25	0	0
0	9	0	10	0	26	4	0	0	2.50	0	0
0	8	0	9	0	26	5	0	0	2.50	0	0
0	40	0	10	0	26	6	0	0	2.50	0	0

SECOND BIENNIAL REPORT

TABLE NO. 2—MONTANA MANUFACT

Postoffice	Goods Manufactured or Handled	Date When Established	Capital Invested	Daily Capacity ft. b. m.	Yearly Output ft. b. m.
Trout Creek.....	Logging	1914	1,000	8,000	500,000
Troy.....	Logging	1916	2,000	25,000	3,500,000
Troy.....	Logging	1910	.....	5,000	80,000
Warland.....	Logging	1916	50,000	50,000	12,000,000
Waterloo.....	Logging	1915	1,000	1,000	75,000
Whitefish.....	Logging	1906	7,500	10,000	500,000
Whitefish.....	Logging	1900	10,000	50,000	6,000,000
Whitefish.....	Logging	1915	.....	15,000	1,000,000
Whitefish.....	Logging	1915	.....	20,000	700,000
TOTAL.....	.....		\$1,134,406	2,260,468	370,995,658

URES—LOGGING CONCERN—Continued.

Males Employed		Hours Per Day		Days Per Month Males		Months Per Year		Days Per Month Female		Ave. Wage Per Day	
Skilled	Unskilled	Females Employed	Males	Females	Males	Females	Males	Females	Skilled	Unskilled	Wages Female
0	4	0	9	0	20	26	6	0	0	2.50	0
10	10	1	10	10	26	26	6	30	2.75	2.50	2.00
1	2	0	8	0	26	26	6	0	3.00	2.50	0
3	35	0	10	0	25	10	0	0	4.00	2.75	0
1	2	0	10	0	10	12	0	4.00	2.50	0	
0	8	1	8	10	26	22	30	0	2.50	1.50	
5	45	0	10	0	26	6	0	3.50	2.50	0	
8	10	0	10	0	26	6	0	2.60	2.25	0	
3	12	0	10	0	26	2	0	3.00	2.50	0	
599	2,329	13	9½	11	25½	5¾	30	\$3.31	\$2.47	\$1.91	

* Mining Stulls

‡ Logging Poles

■ Converter Poles

SECOND BIENNIAL REPORT

TABLE NO. 3—MONTANA

Postoffice	Goods Manufactured or Handled	Date When Established	Capital Invested	Daily Capacity ft. b. m.	Yearly Output f. b. m.
Bonner.....	Lumber	1898	\$ 25,000	75,687	23,235,944
Bonner.....	Lumber	1908	800	8,000	100,000
Chico.....	Lumber	1913	2,000	8,000	70,000
Columbia Falls.....	Lumber	1899	10,000	20,000	4,000,000
Columbia Falls.....	Lumber	1911	10,000	20,000	4,000,000
Columbia Falls.....	Lumber	1907	10,000	20,000	2,000,000
Columbia Falls.....	Lumber	1903	15,000	30,000	1,500,000
Eureka.....	Lumber	1906	150,000	150,000	40,000,000
Fortine.....	Lumber	1899	50,000	40,000	10,000,000
Glacier Nat'l Park	Lumber	1914	.....	6,666	2,000,000
Hamilton.....	Lumber	1895	32,000	75,000	3,051,098
Hamilton.....	Lumber	1906	15,000	15,000	4,000,000
Hardin.....	Lumber	1913	1,500	4,000	500,000
Henderson.....	Lumber	1906	50,000	75,000	10,000,000
Hoffman.....	Lumber	1901	800	12,000	300,000
Hoffman.....	Lumber	1909	1,000	7,000	400,000
Kalispell.....	Lumber	1904	8,800	75,000	6,000,000
Libby.....	Lumber	1911	250,000	275,000	45,000,000
Missoula.....	Lumber	1913	4,000	20,000	4,000,000
Missoula.....	Lumber	1910	26,000	100,000	20,000,000
Ovando.....	Lumber	1909	1,500	10,000	150,000
Plains.....	Lumber	1910	12,000	3,000	300,000
Pompey's Pillar.....	Lumber	1915	1,000	5,000	250,000
Rexford.....	Lumber	1915	1,200	20,000	500,000
Ronan.....	Lumber	1911	2,750	10,000	200,000
Ronan.....	Lumber	1914	350	5,000	200,000
Saint Ignatius.....	Lumber	1860	.....	10,000	30,000
Saint Regis.....	Lumber	1898	40,000	29,888	5,379,966
Somers.....	Lumber	1900	60,000	250,000	60,000,000
Troy.....	Lumber	1912	1,000	3,000	60,000
Trout Creek.....	Lumber	1914	1,000	5,000	110,000
Warland.....	Lumber	1916	50,000	40,000	10,000,000
Whitefish.....	Lumber	1906	75,000	50,000	1,500,000
Whitefish.....	Lumber	1906	15,000	50,000	10,000,000
Total.....			\$922,700	1,527,241	268,837,008

MANUFACTURES—PLANING MILLS.

Males Employed			Hours Per Day		Days per Month Male	Months per Year	Days per Month Females	Ave. Wage Per Day		Wages Females	Number of Horse Power
	Skilled	Unskilled	Females Employed	Males	Females			Skilled	Unskilled		
8	6	0	9	0	26	12	0	\$3.32	\$2.65	48	0
2	2	0	9	0	26	12	0	3.50	2.25	0	40
2	2	0	10	0	26	12	0	3.00	1.50	0	35
3	3	0	10	0	26	12	0	3.00	2.50	0	80
3	3	1	10	8	26	8	0	3.25	2.25	0	45
20	50	0	10	0	26	12	26	3.00	2.50	2.75	122
4	8	0	10	0	26	12	0	3.00	2.25	0	100
2	3	0	12	0	26	4	0	5.10	3.60	0	55
14	0	0	9	0	26	2	0	2.97	0	0	350
1	6	0	9	0	26	12	0	4.00	2.50	0	35
0	1	0	9	0	15	12	0	0	2.50	0	15
9	4	0	10	0	26	10	0	4.00	2.75	0	200
0	2	0	10	0	10	3	0	0	2.50	0	20
0	3	0	10	0	26	4	0	0	2.50	0	10
3	15	0	10	0	26	10	0	3.83	2.63	0	125
10	50	0	10	0	26	12	0	3.50	2.50	0	300
2	4	0	9	0	26	10	0	3.87	2.87	0	35
14	26	0	10	0	26	12	0	3.63	2.80	0	150
1	2	0	10	0	26	2	0	3.50	2.80	0	15
1	1	0	9	0	6	12	0	4.00	3.00	0	25
1	2	0	10	0	26	1	0	3.00	2.50	0	16
4	0	0	10	0	33	12	0	2.50	0	0	35
2	4	0	9	0	26	4	0	4.00	2.50	0	75
2	3	0	9	0	26	2	0	3.00	2.25	0	15
1	3	0	8	0	26	3	0	3.00	2.50	0	25
5	12	0	9	0	26	8	0	3.42	2.92	0	200
15	15	0	10	0	26	12	0	3.30	2.35	0	350
0	3	0	10	0	3	3	0	0	2.75	0	10
4	0	0	9	0	8	3	0	3.00	0	0	40
8	8	0	10	0	25	10	0	3.25	2.75	0	150
0	8	0	10	0	26	3	0	0	2.75	0	50
2	18	0	10	0	26	10	0	4.15	2.50	0	200
150	263	1	9 1/2	8	21 1/2	7 3/5	26	\$3.45	\$2.56	\$2.75	3638

SECOND BIENNIAL REPORT

TABLE NO. 4—MONTANA

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity Barrels.	Yearly Output, Barrels.
Anaconda	Beer	1898	\$ 100,000	55	16,000
Billings	Beer	1900	100,000	60	18,000
Bozeman	Beer	1895	70,000	50	12,000
Butte	Beer	1876	750,000	125	40,000
Butte	Beer	1900	40,000	40	5,000
Butte	Beer	1900	150,000	210	44,069
Deer Lodge	Beer	1878	15,000	5	1,500
Dillon	Beer	1908	25,000	7	2,000
Great Falls	Beer	1895	300,000	200	28,029
Great Falls	Beer	1893	250,000	120	27,000
Havre	Beer	1911	50,000	10	3,650
Helena	Beer	1865	200,000	80	24,000
Kalispell	Beer	1895	125,000	50	9,000
Lewistown	Beer	1904	45,000	50	6,000
Manhattan	Malt	1890	582,100*		**
Missoula	Beer	1895	225,000	150	40,000
Red Lodge	Beer	1910	80,000	40	6,663
Townsend	Beer	1885	18,000	200	14,000
Virginia City	Beer	1863	15,000	7	1,000
Total			\$3,140,100	1,459	297,911

MANUFACTURES—BREWERIES.

Skilled.	Males Employed		Hours Per Day		Days per Month Males.	Months per year.	Ave. Wage Per Day		Wages Females.	Kind of Power.
	Skilled.	Unskilled.	Females Employed.	Males.	Females.	Skilled.	Unskilled.	Wages Females.		
15	0	0	8	0	26	12	0	\$4.75	\$0	200
23	0	0	8	0	26	12	0	5.00	0	200
14	1	0	8	0	26	12	0	5.00	3.00	147½
30	0	0	8	0	28	12	0	5.00	0	250
7	0	0	8	0	26	12	0	5.00	0	40
35	0	0	8	0	26	12	0	5.00	0	86
1	0	0	9	0	26	12	0	3.00	2.75	15
4	0	0	8	0	26	12	0	4.00	0	22
22	4	0	8	0	26	12	0	4.50	4.00	310
20	2	0	8	0	24	12	0	5.00	3.50	350
4	6	0	10	0	30	12	0	5.90	3.00	67
38	7	0	8	0	26	12	0	4.70	3.90	120
10	2	0	8	0	26	12	0	4.80	3.50	84
6	0	0	8	0	26	12	0	5.00	0	30
12	2	0	8	0	26	8	0	5.00	3.00	117½
21	0	0	8	0	26	12	0	4.60	0	200
10	0	0	8	0	26	12	0	4.50	0	103½
1	2	1	0	8	0	26	0	5.00	3.00	20
2	1	0	8	0	28	12	0	4.00	3.00	16
275	28	0	8½	0	26	11½	0	\$4.72	\$3.26	0 2378½

* 35,000 pounds.

**12,000,000 pounds.

SECOND BIENNIAL REPORT

TABLE NO. 5—MONTANA MANUFACTURES—

Postoffice—	Goods Manufactured or handled	Date When Established	Capital Invested	Daily Capacity Barrels	Yearly Output Barrels
Anaconda	Meats	1901	\$120,000	12 * 35 7 1/2 2,000	3,600 10,000
Billings	Meats	1911	5,000	4 * 6 1/2 10 1/2	993 1,602
Butte	Meats	1910	39,500	8 * 20 1/2 4 1/2 7,200	2,160 1,440
Butte	Meats	1912	16,000	18 * 65 1/2 17 1/2 5,100	5,400 19,500
Chinook	Meats	1914	25,000	5 1/2 25 1/2 25 1/2 500	400 2,000
Gardiner	Meats	1909	90,000	2 1/2 3 1/2 3 1/2 721	571 1,545
Great Falls	Meats	1897	200,000	10 * 25 1/2 75 1/2 3,100 7,800	653 26,150
Helena	Meats	1901	20,000	2 1/2 10 1/2 5 1/2 3,200	3,200 3,200
Missoula	Meats	1910	72,500	10 * 25 1/2 20 1/2 3,200 2,500	1,300 3,200
Total			\$588,000	71 * 214 1/2 169 1/2 18,177 53,023 47,635	18,177 53,023 47,635

* Beaves

† Sheep

• Hogs

MEAT PACKING & SLAUGHTERING PLANTS.

Skilled	Males Employed		Hours Per Day		Days per Month Males	Months per year	Days per month Females	Ave. Wage Per Day		Wages Females	Horse Power
	Skill	Unskilled	Females Employed	Males				Skilled	Unskilled		
8	2	0	10	0	26	12	0	\$4.75	\$3.00	\$ 0	50
10	0	0	8	0	26	12	0	3.75	0	0	200
12	0	0	10	0	26	12	0	4.50	0	0	7
10	5	1	10	9	26	12	30	5.00	2.50	2.25	55
4	1	0	10	0	26	12	0	3.00	2.50	0	8
7	12	2	10	10	26	4	30	3.75	2.50	2.50	6
54	15	4	8	8	27	12	27	2.76	1.35	2.00	73
10	0	2	9	9	26	12	26	4.00	0	2.00	.....
14	6	1	10	8	26	12	26	3.90	2.85	2.30	13
129	41	10	9 2/5	8 4/5	26	11 1-9	27 4/5	\$3.94	\$2.45	\$2.21	412

SECOND BIENNIAL REPORT

TABLE NO. 6—MONTANA MANUFACTURERS

Postoffice—	Goods Manufactured or handled			Date When Established	Capital Invested	Daily Capacity	Yearly Output
Billings	Cemetery Supplies	1894	\$ 12,276	\$ 140.00	\$ 11,371		
Butte	Cemetery Supplies	1903	41,177	189.00	52,125		
Columbus	Cemetery Supplies	1915	5,000	150.00	15,000		
Great Falls	Cemetery Supplies	1903	9,000	50.00	10,000		
Havre	Cemetery Supplies	1909	6,000	150.00	12,000		
Helena	Cemetery Supplies	1907	3,000	50.00	2,000		
Helena	Cemetery Supplies	1888	20,000	150.00	30,000		
Lewistown	Cemetery Supplies	1914	7,000	50.00	11,664		
Livingston	Cemetery Supplies	1907	3,000	50.00	7,500		
Missoula	Cemetery Supplies	1900	7,500	20.00	6,000		
Missoula	Cemetery Supplies	1907	12,000	50.00	8,000		
Total			\$125,953	\$1,049.00	\$165,660		

TABLE NO. 7—MONTANA MANUFACTURERS

Postoffice—	Goods Manufactured or handled			Date When Established	Capital Invested	Daily Capacity Brick.	Yearly Output.
Anaconda	Fire Brick	1895	\$118,000	10,000	1,935,750		
Billings	Brick	1915	8,000	25,000	1,500,000		
Bozeman	Common Brick	1915	1,000	8,000	200,000		
Butte	Brick and Sewer Pipe	1889	109,000	30,000	2,500,000		
Columbus	Common Brick	1900	3,500	20,000	300,000		
Forsyth	Rough Brick	1914	3,000	10,000	500,000		
Fromberg	Pressed Brick	1907	23,700	25,000	2,000,000		
Great Falls	Brick and Tile	1907	76,000	50,000	10,000,000		
Great Falls	Face and Fire Brick	1914	50,000	18,000	4,000,000		
Hamilton	Common Brick	1910	3,000	25,000	200,000		
Helena	Clay Products	1905	60,000	80,000	20,000,000		
Lewistown	Common Brick	1910	65,000	25,000	20,000,000		
Livingston	Common Brick	1900	6,000	20,000	600,000		
Miles City	Common Brick	1915	5,000	14,000	400,000		
Missoula	Brick and Tile	1890	40,000	12,000	500,000		
Superior	Common Brick	1914	500	5,000	95,000		
Whitefish	Common Brick	1903	5,000	5,000	700,000		
Total			\$576,700	382,000	65,430,750		

STRUCTURES—MONUMENTAL WORKS.

Skilled	Males Employed		Hours Per Day		Days per Month Males	Months per year	Days per month Females	Ave. Wage Per Day		Wages Females	Number of Horse Power
	Skilled	Unskilled	Females Employed	Males				Skilled	Unskilled		
1	0	0	0	8	26	12	0	\$6.00	\$0	0	5
10	0	0	0	8	26	12	0	6.00	3.75	2.50	17½
1	1	0	0	8	24	0	0	6.00	3.50	0	5
1	0	0	0	8	26	0	0	5.00	3.00	0	5
2	0	0	0	8	26	0	0	5.00	0	0	5
1	1	8	0	8	25	12	0	6.00	3.50	0	5
20	0	0	0	8	26	12	0	6.00	0	0	30
1	0	0	0	8	24	10	0	6.00	0	0	30
1	1	0	0	8	23	8	0	6.00	3.00	0	30
1	0	0	0	8	20	10	0	6.00	0	0	30
3	0	0	0	8	26	8	0	6.00	0	0	30
42	11	1	8	8	24½	8½	24	\$5.72	\$3.35	\$2.50	135½

STRUCTURES—BRICK AND CLAY PRODUCTS.

Skilled	Males Employed		Hours Per Day		Days per Month Males	Months per year	Days per month Females	Ave. Wage Per Day		Wages Females	Number of Horse Power
	Skilled	Unskilled	Females Employed	Males				Skilled	Unskilled		
15	28	0	8	0	26	12	0	\$3.65	\$3.25	0	150
6	16	0	9	0	26	12	0	5.00	3.00	0	20
0	7	0	9	0	20	12	0	0	3.00	0	5
5	25	0	8	0	30	4	0	4.00	3.50	0	165
5	6	0	8	0	30	3	0	5.00	3.00	0	5
2	10	0	10	0	26	4	0	5.00	3.00	0	5
4	15	0	9	0	26	4	0	4.00	3.00	0	150
0	40	0	8	0	25	11	0	0	3.25	0	390
3	11	1	9	8	26	12	2	4.25	2.85	2.50	50
0	3	0	8	0	16	2	0	0	3.00	0	5
10	40	0	8	0	26	10	0	4.00	3.00	0	200
12	10	0	8	0	26	4½	0	3.50	3.00	0	182
●	15	0	8	0	20	4	0	0	3.00	0	30
0	14	0	9	8	26	4	0	4.00	3.00	0	10
3	11	0	8	0	20	3	0	3.50	3.00	0	50
1	2	0	8	0	30	1	0	3.50	3.00	0	50
0	4	0	4	0	26	3	0	0	2.50	0	50
66	257	1	8	8	25	5½	2	\$4.12	\$3.02	\$2.50	1447

* Feet of Sewer Pipe.

NOTE—In addition to the yearly output of brick, there is a yearly output of 1,510,000 feet of sewer pipe.

SECOND BIENNIAL REPORT

TABLE NO. 8—MONTANA MANU

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity	Yearly Output.
Anaconda	Laundering	1893	\$ 40,000	150	\$ 41,000
Anaconda	Laundering	1915	22,000	150	20,000
Belt	Laundering	1896	2,600	10	2,800
Billings	Laundering	1910	15,000	150	36,400
Billings	Laundering	1906	70,000	400	80,000
Boulder	Laundering	1913	1,000	10	3,000
Bozeman	Laundering	1911	25,000	100	30,000
Butte	Laundering	1911	135,000	450	111,000
Butte	Laundering	1910	8,925	400	60,000
Butte	Laundering	1914	20,000	160	35,000
Butte	Laundering	1892	170,000	600	140,000
Chinook	Laundering	1915	3,000	45	12,000
Choteau	Laundering	1905	4,500	30	5,000
Conrad	Laundering	1912	4,000	30	10,000
Deer Lodge	Laundering	1910	8,000	100	17,000
Dillon	Laundering	1904	1,200	50	20,000
Dillon	Laundering	1916	1,000	15	800
Forsyth	Laundering	1914	5,000	40	12,000
Fort Benton	Laundering	1914	2,000	50	5,000
Glendive	Laundering	1905	8,000	80	15,000
Great Falls	Laundering	1911	15,000	250	75,000
Great Falls	Laundering	1912	8,000	150	30,000
Great Falls	Laundering	1888	17,000	275	83,000
Hardin	Laundering	1915	3,000	10	3,000
Harlowton	Laundering	1914	1,500	18	2,000
Hamilton	Laundering	1906	15,000	100	16,000
Hayre	Laundering	1904	15,000	100	28,800
Helena	Laundering	1909	20,000	200	45,000
Helena	Laundering	1889	· · · · ·	17	5,000
Kalispell	Laundering	1900	15,000	150	45,000
Kalispell	Laundering	1898	20,000	125	9,000
Lewistown	Laundering	1900	20,000	66	20,000
Libby	Laundering	1900	15,000	125	36,800
Livingston	Laundering	1913	4,000	18	4,800
Livingston	Laundering	1912	9,000	100	14,000
Miles Cty	Laundering	1911	20,000	150	30,000
Missoula	Laundering	1900	25,000	150	40,000
Missoula	Laundering	1914	20,000	300	50,000
Red Lodge	Laundering	1890	30,000	200	50,000
Roundup	Laundering	1900	4,000	35	12,000
Sidney	Laundering	1910	8,000	65	20,280
Stevensville	Laundering	1915	3,500	20	6,000
Thompson	Laundering	1912	4,000	20	7,280
Three Forks	Laundering	1913	9,000	40	7,800
Townsend	Laundering	1914	5,000	35	10,000
Trident	Laundering	1914	3,500	50	3,000
Whitefish	Laundering	1912	1,200	5	1,200
**Wisdom	Laundering	1910	5,000	50	3,500
Total		1910	3,500	8	2,300
			\$865,425	\$5,852	\$1,316,760

FACTORS—POWER LAUNDRIES.

Males Employed		Hours Per Day		Days per Month Males.		Months per year.		Days per month Females.		Ave. Wage Per Day		Wages Females.		Number of Horse Power.
Skilled	Unskilled	Females Employed.	Males	Females	Males			Females	Skilled	Unskilled				
5	4	15	9	9	26	12	26	\$4.50	\$3.50	\$1.90	15			
2	7	14	8	8	26	12	26	4.50	3.50	2.85	23½			
0	0	1	0	0	0	12	26	0	0	2.00	...			
4	4	16	9	9	26	12	26	4.50	4.00	1.65	20			
15	0	40	9	9	26	12	26	4.00	0	2.00	100			
0	0	1	0	0	0	12	26	0	0	2.00	2			
4	3	14	9	9	26	12	26	3.50	2.00	2.00	30			
19	2	45	8	8	26	12	26	4.00	2.00	2.00	250			
19	0	26	8	8	26	12	26	4.00	0	2.00	39			
3	11	12	8	8	26	12	26	3.61	2.41	2.00	100			
15	12	60	8	8	26	12	26	4.36	3.95	2.05	150			
2	0	3	9	9	26	12	26	3.00	0	2.00	30			
0	0	2	0	0	0	12	26	0	0	2.75	8			
2	2	55	9	9	26	12	26	3.00	2.00	2.00	25			
3	0	9	9	9	26	12	26	4.00	0	2.40	12			
1	2	10	8	8	26	12	26	4.00	3.50	2.75	12			
0	1	0	9	0	27	12	0	0	3.00	0	3			
2	0	5	10	9	26	12	26	3.75	0	1.77	30			
1	3	2	2	8½	26	11	20	3.00	2.00	2.00	10			
3	0	9	9	9	26	12	26	3.00	0	1.60	15			
11	0	30	8	8	26	12	26	4.00	0	2.00	40			
3	0	10	9	8	26	12	26	5.00	0	3.00	7½			
12	0	35	9	8	26	12	26	3.70	0	2.00	35			
2	3	3	9	9	26	12	26	3.00	1.50	1.50	10			
1	1	2	12	9	26	12	26	2.00	1.50	2.00	1¾			
2	1	3	9	9	26	12	26	3.00	2.75	2.00	7			
2	6	15	10	9	26	12	26	4.50	3.50	2.25	30			
7	0	32	9	9	26	12	26	3.50	0	2.20	16			
4	1	50	8	6	26	12	26	4.00	3.50	*	24½			
7	0	30	9	9	26	12	26	4.30	0	2.50	30			
0	3	8	9	9	26	12	26	0	3.25	1.65	15			
1	2	9	10	9	26	12	26	3.00	2.50	2.00	10			
5	0	20	9	9	26	12	26	3.33	0	2.00	30			
1	1	1	8	8	26	12	26	2.60	1.50	1.20	5			
3	3	12	10	9	26	12	26	3.25	3.00	1.50	60			
3	8	14	10	9	26	12	26	4.00	1.50	1.35	15			
2	6	19	9	9	26	12	26	4.00	3.25	1.65	25			
7	0	25	9	9	26	12	26	2.50	0	1.55	25			
10	0	23	9	9	26	12	26	4.00	0	2.00	100			
3	0	7	8	8	26	12	26	4.50	0	2.00	20			
3	0	6	9	9	26	12	26	4.50	0	2.25	7			
1	0	2	9	8	26	12	26	4.00	0	1.75	5			
1	0	3	10	9	26	12	21	2.43	0	1.75	15			
2	0	3	9	9	26	12	26	3.90	0	2.00	18			
3	1	2	10	9	26	12	26	3.35	2.25	1.85	15			
1	0	1	8	8	26	12	26	4.00	0	3.00	20			
0	0	2	0	4	26	12	26	0	0	2.00	8			
2	0	4	10	9	26	12	26	3.50	0	1.80	35			
0	0	0	0	0	0	0	0	0	0	0	3½			
199	87	660	9	8½	26	12	25%	\$3.68	\$2.68	\$2.01	1507			

*Apprentices.

**Operated by owner.

SECOND BIENNIAL REPORT

TABLE NO. 9—MONTANA MANUFACTURES—SMELTERS,

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity Tons of Ore.	Yearly Output, Tons of Ore.
Anaconda	Smelter	1902	\$12,000,000	13,000	*4,380,000
Basin	Gold, Silver, Zinc Concentrator	1914	20,000	** 100	** 25,000
Basin	Concentrator	1915	75,000	200	27,000
Butte	Leaching Plant	1912	1,250,000	1½ ***	550
Butte	Smelter & Concentrator	1907	537,000	800	250,000
Butte	Sampler	1904	121,000	1,500	130,214
Butte	Zinc & Lead Concentrator	1907	3,000,000	1,200	‡ 425,000
Butte	Zinc Concentrator	1914	800,000	800	280,000
Cook	Copper Smelter	1916	200,000	275	.....
Deer Lodge	Gold Stamp Mill	1915	25,000	100	3,000
Deer Lodge	Gold Stamp Mill	1915	20,000	2	600
East Helena	Gold, Silver & Lead Smelt'r	1889	500,000	800	††2,900,000
Great Falls	Copper Smelter	1892	3,000,000	2,500	† 912,500
Great Falls	Electrolytic Zinc Slabs	1916	3,500,000	†† 150	†† 45,000
Iron Mountain	Lead & Zinc Concentrator	1915	133,200	250	35,000
Kendall	Cyanide Plant	1907	2,000,000	200	51,471
Kendall	Gold Stamp Mill	1915	100,000	55	9,928
Keystone	Concentrator	1915	100,000	40	900
Maiden	Cyanide Plant	1902	250,000	50	17,000
Marysville	Cyanide Plant	1912	250,000	100	40,000
Marysville	Cyanide Plant	1915	20,000	200	20,000
Missoula	Stamp Mill	1916	100,000	50	12,000
Pony	Stamp Mill	1909	10,000	35	10,000
Rimini	Gold Stamp Mill	1915	75,000	100	18,000
Sandusky	Cyanide Plant	1914	100,000	200	70,000
Sheridan	Stamp Mill	1916	20,000	12	2,500
Superior	Concentrator	1916	60,000	100	30,000
Superior	Concentrator	1905	150,000	200	60,000
Victor	Concentrator	1915	20,000	150	40,000
Virginia City	Cyanide Plant	1902	40,000	50	17,000
Whitecomb	Gold Stamp Mill	1905	100,000	600	20,000
Zortman	Cyanide Plant	1906	100,000	500	180,000
Zortman	Cyanide Plant	1910	200,000	150	50,000
			\$28,876,200	24,220	9,992,113

CONCENTRATORS, LEACHING AND CYANIDE PLANTS.

Skilled	Males Employed		Hours Per Day		Days per month Males.	Months per Year.	Days per Month Females.	Ave. Wage Per Day		Wages Females.	Number of Horse Power.
	Skill	Unskilled	Females Employed.	Males	Females			Skilled	Unskilled		
1445	2563	0	8	0	30	12	0	\$4.65	\$3.25	\$ 0	17,650
10	30	0	8	0	30	10	0	4.50	3.25	0	125
15	32	0	8	0	26	7	0	4.50	3.50	0	150
93	11	1	8	8	30	12	25	3.94	3.00	4.00	1,100
300	50	0	8	0	30	12	0	4.50	3.50	0	1,100
5	19	0	8	0	30	12	0	5.00	3.70	0	90
300	700	0	8	0	30	12	0	4.75	3.50	0	5,700
100	20	0	8	0	30	12	0	4.50	3.75	0	2,100
5	15	0	8	0	26	7	0	5.00	3.50	0	100
30	15	0	8	0	30	12	0	4.00	3.50	0	175
6	5	0	8	0	30	10	0	4.00	3.00	0	50
98	325	0	8	0	30	12	0	3.58	2.45	0	700
630	250	0	8	0	30	12	0	3.43	3.00	0	12,600
79	185	0	8	0	30	12	0	4.63	3.75	0	12,000
19	70	0	8	0	30	5	0	4.50	3.50	0	300
12	100	0	8	0	30	12	0	4.25	3.50	0	200
8	6	0	8	0	30	6	0	4.00	3.50	0	200
16	3	0	8	0	30	8	0	4.00	3.50	0	60
15	10	0	8	0	30	12	0	4.00	3.50	0	160
61	0	0	8	0	30	12	0	4.08	0	0	230
4	5	0	8	0	30	7	0	4.50	3.50	0	75
30	0	0	8	0	30	12	0	3.50	0	0	120
5	20	0	8	0	30	12	0	4.40	3.50	0	125
4	50	0	8	0	30	12	0	4.00	0	0	100
25	40	0	8	0	30	12	0	4.00	3.50	0	500
18	12	0	8	0	30	6	0	4.50	3.00	0	40
7	20	0	8	0	30	7	0	4.25	3.50	0	190
54	20	0	8	0	30	12	0	3.90	3.50	0	500
1	8	0	8	0	30	10	0	4.00	3.75	0	150
6	6	0	8	0	30	12	0	4.00	3.50	0	185
15	80	0	8	0	30	12	0	4.50	3.50	0	300
35	65	0	8	0	30	12	0	4.00	3.50	0	320
10	5	0	8	0	30	12	0	5.00	3.50	0	150
3451	4740	1	8	8	30	11½	25	\$4.25	\$3.42	\$4.00	57,545

* This yearly output of ore produces 110,000 tons of copper.

** Tailings.

*** Electrolytic copper.

† This yearly output of ore produces 132,000 tons of zinc concentrates and 3,600 tons of lead.

††This yearly output of ore produces 65,000 tons of lead bullion.

¶ This yearly output of ore produces 18,000 tons of copper.

¶¶ Electrolytic zinc.

SECOND BIENNIAL REPORT

TABLE NO. 10—MONTANA MAN

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity Barrels.	Yearly Output, Barrels.
Absarokee	Flour	1911 \$	8,000	25	1,200
Ashland	Flour and Feed	1916	6,000	12	1,530
Belgrade	Flour and Feed	1903	200,000	300	55,000
Belt	Flour and Feed	1913	6,000	30	3,000
Big Sandy	Flour	1916	10,000	50	1,300
Big Timber	Flour and Feed	1916	9,500	50	7,800
Billings	Flour and Feed	1910	200,000	600	180,000
Bozeman	Flour and Feed	1892	170,000	1,000	85,000
Cascade.	Flour and Feed	1908	125,000	225	50,000
Chester	Flour and Feed	1915	8,000	25	7,500
Conrad.	Flour	1914	5,400	25	910
Crane	Flour	1913	7,000	25	300
Crow Agency	Flour	1892	7,800	26	3,380
Culbertson	Flour and Feed	1916	12,000	50	7,000
Fort Benton	Flour and Feed	1914	10,000	50	8,000
Geraldine	Flour and Feed	1915	15,000	25	5,000
Gildford	Flour and Feed	1915	9,000	25	7,500
Glasgow	Flour and Feed	1916	50,000	300	60,000
Great Falls	Flour	1893	500,000	1,000	200,000
Hamilton	Flour and Feed	1914	25,000	150	10,000
Hardin	Flour and Feed	1913	15,000	50	3,000
Harlem	Flour and Feed	1915	8,800	10	3,000
Harlowton	Flour	1911	150,000	650	200,000
Harrison	Flour and Feed	1915	10,000	50	5,000
Havre	Flour and Feed	1916	12,000	50	16,500
Helena	Flour and Feed	1914	19,665	210	5,000
Joliet.	Flour and Feed	1915	20,000	125	25,000
Kalispell	Flour	1902	300,000	400	75,000
Kalispell	Flour and Feed	1910	40,000	150	30,000
Laurel	Flour, Feed, Cereals	1914	35,500	150	10,000
Lavina	Mill Products	1914	10,000	25	7,000
Lewistown	Flour	1912	125,000	350	100,000
Malta	Flour and Feed	1916	15,000	50	5,000
Melville	Flour and Feed	1914	7,500	10	2,000
Mssoula	Flour	1901	50,000	100	10,000
Moore	Flour and Feed	1915	10,000	25	4,000
Park City	Flour and Feed	1914	12,000	20	4,000
Philipsburg	Flour and Feed	1912	28,000	100	9,000
Plains	Flour and Feed	1914	25,000	100	15,000
Plentywood	Flour	1916	9,100	25	4,000
Polson	Flour and Feed	1912	80,000	200	12,000
Roundup	Flour and Feed	1916	10,000	25	5,000
Saint Ignatius	Flour	1854	4,000	25	1,000
Sand Springs	Flour and Feed	1916	4,500	12	200
Savage	Flour and Feed	1913	8,200	25	1,000
Scobey	Flour and Feed	1915	20,000	125	26,000
Sidney	Flour	1913	50,000	250	70,000
Stanford	Flour and Feed	1914	20,000	50	8,000
Three Forks	Flour and Cereal Products	1913	53,000	300	90,000
Townsend	Flour and Cereal Products	1913	58,000	225	67,500
Wilsall	Flour and Feed	1914	8,000	10	1,000
Wolf Point	Flour and Feed	1914	10,000	50	2,000
Whegan	Flour and Feed	1913	8,000	20	2,000
Total			\$2,619,965	7,960	1,512,620

UFACTURES—FLOUR MILLS.

Males Employed		Hours Per Day		Days per Month Males.		Months per Year.		Days per Month Females.		Ave. Wage Per Day		Wages Females.		Number of Horse Power.
Skilled.	Unskilled.	Females Employed.	Males.	Females.	Males.	Year.	Females.	Males.	Skilled.	Unskilled.	Wages Females.	Wages Females.	Wages Females.	
1	1	0	8	0	26	12	0	\$5.00	\$3.00	\$	0	0	0	25
1	0	0	10	0	26	12	0	4.00	0	0	0	0	0	15
3	14	22	9	9	26	12	0	5.00	3.00	2.40	0	0	0	160
0	1	0	8	0	26	12	0	0	3.00	0	0	0	0	20
2	0	0	12	0	26	12	0	4.00	0	0	0	0	0	10
2	0	0	10	0	26	12	0	3.50	0	0	0	0	0	25
4	25	0	10	0	24	12	0	4.25	3.10	0	0	0	0	360
30	5	0	9	0	26	12	0	3.00	2.50	0	0	0	0	450
8	3	0	10	0	26	12	0	3.85	3.00	0	0	0	0	135
2	1	0	12	0	26	12	0	3.50	2.50	0	0	0	0	20
1	0	0	10	0	26	12	0	4.00	0	0	0	0	0	15
1	0	0	10	0	15	0	0	4.00	0	0	0	0	0	35
1	1	0	8	0	26	5	0	4.00	2.00	0	0	0	0	50
2	1	0	11	0	26	6	0	5.00	3.00	0	0	0	0	35
1	1	0	10	0	26	12	0	4.00	2.50	0	0	0	0	20
1	1	0	10	0	26	12	0	5.00	2.00	0	0	0	0	15
2	0	0	14	0	26	12	0	3.00	0	0	0	0	0	35
4	6	0	10	0	26	12	0	3.50	2.75	0	0	0	0	125
40	20	10	8	8	26	12	26	4.00	3.00	3.00	0	0	0	500
2	3	4	8	8	10	12	10	4.00	2.50	1.50	0	0	0	160
2	0	0	10	0	26	12	0	4.50	0	0	0	0	0	32
15	19	0	9	0	26	12	0	4.50	3.00	0	0	0	0	250
1	0	0	10	0	26	4	0	3.50	0	0	0	0	0	6
2	1	0	10	0	26	12	0	4.00	3.00	0	0	0	0	40
1	5	0	9	0	26	1	0	5.00	3.00	0	0	0	0	100
2	3	0	10	0	26	10	0	4.00	2.25	0	0	0	0	50
10	10	0	8	0	26	12	0	4.00	3.00	0	0	0	0	200
2	1	0	10	0	24	12	0	4.00	2.50	0	0	0	0	60
1	2	0	10	0	26	6	0	6.00	2.50	0	0	0	0	82
1	0	0	9	0	26	12	0	5.00	2.50	0	0	0	0	20
8	11	0	9	0	26	12	0	4.50	3.00	0	0	0	0	200
1	1	0	10	0	26	5	0	3.50	2.50	0	0	0	0	25
1	0	0	10	0	26	8	0	4.00	0	0	0	0	0	15
2	1	0	10	0	26	10	0	5.00	3.00	0	0	0	0	100
1	0	0	10	0	26	12	0	3.00	0	0	0	0	0	25
1	2	0	11	0	15	12	0	4.00	2.50	0	0	0	0	20
1	0	1	8	8	26	12	26	6.75	0	1.90	0	0	0	60
2	1	0	9	0	26	10	0	4.00	2.75	0	0	0	0	50
1	1	0	10	0	26	10	0	4.00	3.00	0	0	0	0	20
2	4	0	9	0	26	12	0	4.00	2.50	0	0	0	0	100
2	1	0	10	0	26	9	0	6.00	2.75	0	0	0	0	25
1	1	0	8	0	26	2	0	0	0	0	0	0	0	25
1	0	0	12	0	26	9	0	3.50	0	0	0	0	0	15
1	0	0	8	0	26	2	0	3.00	0	0	0	0	0	12
1	1	0	10	0	26	12	0	3.00	2.25	0	0	0	0	60
5	10	0	11	0	26	12	0	3.25	2.75	0	0	0	0	150
1	2	0	10	0	26	12	0	4.00	3.00	0	0	0	0	35
4	7	0	10	0	26	12	0	4.00	3.00	0	0	0	0	110
3	6	1	10	8	26	10	26	4.00	3.00	3.00	0	0	0	100
1	1	0	10	0	26	6	0	3.00	0	0	0	0	0	15
1	0	0	10	0	26	2	0	4.00	0	0	0	0	0	30
1	0	0	10	0	26	7	0	5.00	0	0	0	0	0	20
188	174	18	9 4%	8 1/2	25 1/2	9 3/5	22 4/5	\$4.15	\$2.73	\$2.95	4,287			

SECOND BIENNIAL REPORT

TABLE NO. 11—MONTANA MANU

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested.	Daily Capacity lbs.	Yearly Output. lbs.
Augusta	Butter	1906 \$	1,000	150	40,000
Baker	Butter	1915	6,500	1,000	45,000
Big Timber	Butter	1914	2,500	1,000	120,000
Billings	Butter and Cheese	1911	28,000	845	308,670
Bozeman	Butter	1914	5,000	1,000	120,000
Butte	Butter and Cheese	1889	742,000	5,000	1,750,000
Cascade	Butter	1904	6,000	400	100,000
Chinook	Butter	1904	5,000	200	18,000
Coteau	Butter	1914	1,000	250	40,000
Clyde Park	Butter	1905	4,600	250	60,000
Culbertson	Butter	1914	5,000	200	40,000
Dillon	Butter	1915	5,000	600	75,000
Eden	Butter	1905	4,500	1,000	90,000
Forsyth	Butter	1915	10,000	1,000	52,000
Great Falls	Butter	1916	30,000	2,500	225,000
Great Falls	Butter	1907	16,500	1,000	80,000
Great Falls	Butter	1907	500	50	12,000
Hamilton	Butter	1914	8,000	300	41,566
Hamilton	Butter	1895	500	100	30,000
Havre	Butter	1914	5,700	800	28,800
Helena	Butter	1914	3,000	400	140,000
Highwood	Butter	1914	2,500	100	25,000
Ismay	Butter	1915	5,500	100	20,000
Kalspell	Butter	1898	5,000	300	55,000
Laurel	Butter	1906	5,000	300	100,000
Lewistown	Butter	1914	4,000	1,000	100,000
Livingston	Butter	1915	10,000	1,000	75,000
Malta	Butter	1913	5,500	300	45,000
Manhattan	Butter	1913	4,600	1,000	100,000
Miles City	Butter	1910	1,500	1,000	100,000
Missoula	Butter	1914	4,500	400	140,000
Plentywood	Butter	1914	6,300	100	36,000
Poison	Butter	1913	8,400	1,000	50,000
Pony	Butter	1906	6,000	500	100,000
Red Lodge	Butter	1906	10,000	1,000	43,500
Saco	Butter	1914	5,700	500	20,000
Sidney	Butter	1912	6,000	100	15,000
Stevensville	Butter	1907	22,000	1,200	360,000
Townsend	Butter	1904	5,500	1,000	253,000
Whitehall	Butter	1914	1,400	250	50,000
Wibaux	Butter	1915	6,350	400	50,000
Total			\$1,016,050	29,595	5,153,536

TABLE NO. 12—MONTANA MANU

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested.	Daily Capacity lbs.	Yearly Output lbs.
Corvallis	Cheese	1914	\$2,000	1,000	150,000
Fort Shaw	Cheese	1913	1,700	250	25,000
Lewistown	Cheese	1915	700	500	100,000
Sallesville	Cheese	1915	3,000	2,600	500,000
Willow Creek	Cheese	1915	2,000	200	60,000
Total			\$9,400	4,550	\$35,000

FACTURES—BUTTER CREAMERIES.

Males Employed		Hours Per Day		Days per Month		Months per Year		Days per Month Females		Ave. Wage Per Day		Wages Females		Number of Horse Power.
Skilled.	Unskilled.	Females Employed.	Males.	Females.	Males.	Days, Males.	Months per year.	Skilled.	Unskilled.	Skilled.	Unskilled.	Wages Females.	Wages Females.	
1	0	0	10	0	26	12	0	\$4.00	\$ 0	\$ 0	0	\$ 0	\$ 0	6
1	0	0	10	0	26	12	0	4.00	0	0	0	0	0	10
1	0	0	8	0	26	3	0	3.50	2.50	0	0	0	0	12
1	4	4	9	9	26	12	26	4.76	2.87	1.89	0	0	0	20
1	1	0	10	0	30	12	0	3.00	1.50	0	0	0	0	5
20	24	13	9	8	26	12	0	4.45	2.25	1.85	0	0	0	175
1	1	0	8	0	26	12	0	5.00	2.00	0	0	0	0	7
1	1	0	10	0	26	12	0	4.50	2.50	0	0	0	0	50
1	0	0	9	0	26	12	0	3.50	2.00	0	0	0	0	6
1	1	0	10	0	26	12	0	4.50	2.00	0	0	0	0	12
1	0	0	9	0	26	12	0	4.00	0	0	0	0	0	12
1	0	1	9	0	26	12	0	4.50	0	2.00	0	0	0	8
1	0	0	10	0	26	12	0	3.80	0	0	0	0	0	6
1	0	0	8	0	26	12	0	4.16	0	0	0	0	0	12
2	3	2	9	9	26	12	26	5.00	3.00	1.75	0	0	0	8
1	4	0	8	0	26	12	0	3.30	3.00	0	0	0	0	12
1	0	0	8	0	26	12	0	4.00	0	0	0	0	0	4
1	1	0	8	0	26	12	0	5.00	2.50	0	0	0	0	20
1	0	0	8	0	26	12	0	4.50	0	0	0	0	0	20
2	3	1	10	0	26	12	26	4.20	2.00	1.60	0	0	0	9
1	3	0	10	0	26	12	0	5.00	2.50	0	0	0	0	5
1	1	0	10	0	26	12	0	5.00	1.50	0	0	0	0	4½
1	0	0	10	0	26	12	0	3.25	0	0	0	0	0	12
2	1	0	10	0	26	12	0	7.00	2.50	0	0	0	0	10
2	2	0	10	0	26	12	0	4.00	2.50	0	0	0	0	10
3	0	1	9	7	26	12	26	4.50	2.50	1.75	0	0	0	10
1	1	0	9	0	26	12	0	6.00	2.50	0	0	0	0	13
1	0	0	9	0	26	6	0	4.00	0	0	0	0	0	10
1	1	0	10	0	26	12	0	4.00	0	0	0	0	0	20
3	0	0	10	0	26	9	0	3.00	2.00	0	0	0	0	18
3	3	0	9	0	26	12	0	3.50	3.00	0	0	0	0	15
1	0	1	10	9	26	12	26	2.50	0	2.00	0	0	0	10
2	0	0	9	0	26	12	0	4.00	3.00	0	0	0	0	6
1	1	0	10	0	26	12	0	4.00	2.50	0	0	0	0	6
2	1	0	8	0	26	12	0	4.00	2.50	0	0	0	0	12
1	0	0	10	0	26	12	0	3.50	0	0	0	0	0	10
1	0	0	10	0	26	12	0	5.00	0	0	0	0	0	10
2	9	1	10	8	26	12	26	5.00	3.50	2.00	0	0	0	28
2	1	1	10	7	26	12	26	4.00	2.75	2.50	0	0	0	10
1	0	0	8	0	26	12	0	3.50	0	0	0	0	0	12
1	0	0	10	0	26	12	0	3.85	0	0	0	0	0	12
76	72	25	9½	8 1	26 1	11½	26	\$4.20	\$2.47	\$1.92	657½			
				7	10									

FACTURES—CHEESE FACTORIES.

Males Employed		Hours Per Day		Days per Month		Months per Year		Days per Month Females		Ave. Wage Per Day		Wages Females		Number of Horse Power.
Skilled.	Unskilled.	Females Employed	Males.	Females.	Males.	Days, Males	Months per year.	Skilled.	Unskilled.	Skilled.	Unskilled.	Wages Females.	Wages Females.	
1	1	0	8	0	30	12	0	\$3.50	\$2.00	\$ 0	0	0	0	15
1	0	0	9	0	26	12	0	3.50	0	0	0	0	0	12
1	0	0	9	0	26	12	0	3.50	0	0	0	0	0	2
1	0	0	8	0	30	12	0	5.00	0	0	0	0	0	24
5	1	0	8½	0	28½	12	0	\$3.90	\$2.00	\$ 0	0	0	0	24

SECOND BIENNIAL REPORT

TABLE NO. 13—MONTANA MANU

Postoffice—	Goods Manufactured or handled			Date When Established.	Capital Invested	Daily Capacity	Yearly Output.
Billings	Soft Drinks			1906	\$ 20,000	40.00	\$ 14,000
Butte	Soft Drinks			1905	3,500	25.00	7,500
Butte	Soft Drinks			1888	10,000	75.00	19,963
Butte	Soft Drinks			1900	3,500	5.00	1,500
Butte	Soft Drinks			1900	10,000	70.00	17,720
*Dillon	Soft Drinks			1887	500	5.00	300
Glasgow	Soft Drinks			1914	1,600	5.00	1,000
Glendive	Soft Drinks			1915	10,000	50.00	15,000
Great Falls	Soft Drinks			1890	1,500	15.00	4,500
Great Falls	Soft Drinks			1892	3,000	25.00	6,000
Great Falls	Soft Drinks			1892	3,000	150.00	10,000
*Great Falls	Soft Drinks			1915	1,000	10.00	3,000
Great Falls	Soft Drinks & Spg. Water			1913	10,000	200.00	8,000
Havre	Soft Drinks			1907	5,000	15.00	3,000
Helena	Spring Water			1888	20,000	20.00	1,565
Helena	Soft Drinks			1866	1,000	20.00	6,000
Hunters	Soft Drinks			1911	1,000	120.00	2,000
*Kalspell	Soft Drinks			1909	1,800	10.00	2,000
Lewistown	Soft Drinks			1906	2,000	20.00	6,000
Livingston	Soft Drinks & Beer			1903	11,500	350.00	95,487
Miles City	Soft Drinks			1907	11,600	7.50	2,731
Missoula	Soft Drinks			1908	2,000	150.00	8,000
Missoula	Soft Drinks			1914	10,000	25.00	7,217
*Philipsburg	Soft Drinks			1888	1,500	2.00	650
*Roundup	Soft Drinks			1908	1,500	8.00	2,000
*White Sul. Spgs.	Soft Drinks & Mineral Wtr.			1906	1,000	14.00	1,000
Total					\$147,500	\$1,436.50	\$246,133

TABLE NO. 14—MONTANA MANUF

Postoffice—	Goods Manufactured or handled			Date When Established.	Capital Invested	Daily Capacity	Yearly Output
Billings	Drugs & Counter Prep.			1907	\$ 300	\$ 35	\$ 5,000
Butte	Creams & Patent Prep.			1897	150	15	1,002
Helena	Toilet Articles			1907	2,000	50	12,000
Miles City	Liquid Soap & Disinfectants			1915	500	10	1,000
Total					\$2,950	\$110	\$19,002

DEPARTMENT OF LABOR AND INDUSTRY

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FACTURES—BOTTLING WORKS

Males Employed		Hours Per Day		Days per Month Males.		Days per month Females.		Ave. Wage Per Day		Wages Females.		Number of Horse Power.
Skilled.	Unskilled.	Females Employed.	Males.	Females.	Males.	Year.	Females.	Skilled.	Unskilled.	Wages Females.	Wages Females.	
2	0	0	8	0	26	12	0	\$4.00	\$	0	0	1
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	1	0	10	0	26	12	0	3.00	2.00	0	0	3
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	0	0	8	0	26	12	0	4.00	0	0	0	2
1	2	0	8	0	26	12	0	4.25	4.00	0	0	2
0	0	0	8	0	26	12	0	0	0	0	0	2
6	1	1	9	8	26	6	20	4.00	2.50	2.00	2	2
1	1	0	8	0	26	12	0	4.00	1.50	0	0	12
1	1	0	8	0	26	12	0	0	3.00	0	0	0
1	1	0	8	0	26	12	0	4.00	1.00	0	0	2
0	0	0	8	0	26	12	0	0	2.00	0	0	1
1	1	0	8	0	26	12	0	0	0	3.00	0	1
4	0	0	1	0	26	12	0	4.35	0	0	0	20
0	2	0	9	0	26	12	0	0	3.00	0	0	2
1	1	0	9	0	26	12	0	3.75	2.00	0	0	1½
0	2	0	9	0	26	12	0	0	2.75	0	0	2
0	0	0	9	0	0	0	0	0	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	0
28	15	1	8	8	25	11 7	20	\$3.89	\$2.43	\$2.00		72½
						10						

*Operated by owner.

STRUCTURES—DRUG MANUFACTURES.

Males Employed		Hours Per Day		Days per Month Males		Months per year		Days per month Females		Ave. Wage Per Day		Wages Females		Number of Horse Power	
Skilled.	Unskilled.	Females Employed	Males.	Females	Males.			Females		Skilled.	Unskilled.				
1	0	0	9	0	26	12	*	0	\$6.00	\$ 0	\$ 0			1	0
1	1	0	9	0	26	12		0	7.25	1.25	0			0	0
1	1	1	9	9	26	12		26	2.00	1.00	2.00			0	0
1	0	0	9	0	26	12		26	5.00	0	0			0	0
4	2	1	9	9	26	12		26	\$5.06	\$1.12	\$2.00			1	0

SECOND BIENNIAL REPORT

TABLE NO. 15—MONTANA MANUFA

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity Cigars	Yearly Output Cigars
Anaconda	Cigars	1895	\$ 1,000	250	75,000
Anaconda	Cigars	1896	5,000	1,100	300,000
Anaconda	Cigars	1912	1,100	300	52,000
Anaconda	Cigars	1898	2,000	850	250,000
Anaconda	Cigars	1916	250	200	50,000
Baker	Cigars	1911	500	250	55,000
Baylor	Cigars	1913	300	100	10,000
Belt	Cigars	1906	150	150	45,000
Billings	Cigars	1898	7,500	500	180,000
Billings	Cigars	1910	700	500	130,000
Billings	Cigars	1911	800	150	35,000
Bozeman	Cigars	1888	500	300	90,000
Butte	Cigars	1914	2,000	1,000	100,000
Butte	Cigars	1902	2,000	400	120,000
Butte	Cigars	1912	1,000	450	80,000
Butte	Cigars	1914	200	100	30,000
Chinook	Cigars	1905	500	150	30,000
*Columbus	Cigars	1911	500	200	62,400
Culbertson	Cigars	1915	200	150	48,000
*Dagmar	Cigars	1912	100	250	12,000
Deer Lodge	Cigars	1911	2,000	500	150,000
Dillon	Cigars	1913	1,000	400	120,000
Dillon	Cigars	1911	2,000	500	100,000
Forsyth	Cigars	1915	500	1,000	250,000
*Froid	Cigars	1915	100	50	13,000
Glendive	Cigars	1904	2,000	450	135,000
Great Falls	Cigars	1913	300	150	36,000
Great Falls	Cigars	1915	1,000	150	50,000
Great Falls	Cigars	1898	500	300	83,000
Great Falls	Cigars	1915	500	200	50,000
Gray Cliff	Cigars	1902	500	200	50,000
Hamilton	Cigars	1908	2,500	400	100,000
Havre	Cigars	1912	1,800	600	190,000
Havre	Cigars	1914	1,000	250	84,000
Helena	Cigars	1915	2,000	350	102,000
Helena	Cigars	1890	2,000	500	130,000
Kalispell	Cigars	1892	900	250	70,000
Kalispell	Cigars	1886	700	250	70,000
Kalispell	Cigars	1892	700	350	100,800
Lewistown	Cigars	1913	150	200	12,000
Libby	Cigars	1915	600	250	50,000
Livingston	Cigars	1886	15,000	2,000	550,000
Livingston	Cigars	1908	2,000	350	80,000
Malta	Cigars	1911	500	300	90,000
Miles City	Cigars	1915	1,000	200	60,000
Miles City	Cigars	1906	500	500	60,000
Miles City	Cigars	1910	1,000	200	70,000
Missoula	Cigars	1885	300	100	10,000
Missoula	Cigars	1915	500	400	12,000
Missoula	Cigars	1915	200	125	36,000
Missoula	Cigars	1910	1,000	250	50,000
Missoula	Cigars	1895	2,000	550	162,650
*Mondak	Cigars	1915	150	100	3,600
*Myers	Cigars	1914	800	250	75,000
*Philipsburg	Cigars	1914	250	200	55,000
Plentywood	Cigars	1913	1,000	150	30,000
*Plentywood	Cigars	1912	800	200	9,133
Red Lodge	Cigars	1911	300	600	150,000
Roundup	Cigars	1914	75	300	50,000
Sidney	Cigars	1912	1,500	250	70,000
*Stanford	Cigars	1911	200	200	4,100
*Terry	Cigars	1916	150	200	6,000
*Three Forks	Cigars	1915	250	200	48,000
Three Forks	Cigars	1913 ¹	500	250	50,000
Townsend	Cigars	1907	750	500	60,000
*Waterloo	Cigars	1909	700	200	35,000
*Whitehall	Cigars	1906	200	150	12,000
Wibaux	Cigars	1914	500	400	125,000
*Winifred	Cigars	1915	200	150	12,000
*Winnatt	Cigars	1910	200	250	8,950
*Wolf Point	Cigars	1914	200	150	11,000
*Wolf Point	Cigars	1915	400	400	13,000
Total				\$82,175	24,725
					5,708,633

DEPARTMENT OF LABOR AND INDUSTRY

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STRUCTURES—CIGAR MANUFACTURES.

*Operated by owner.

SECOND BIENNIAL REPORT

TABLE NO. 16—MONTANA MANU

Postoffice—	Goods Manufac- tured or handled			Date When Established.	Capital Invested	Daily Capacity	Yearly Output.
	Bakery	Products					
Anaconda	Bakery	Products		1884	\$ 5,000	\$ 120	\$ 32,000
Anaconda	Bakery	Products		1888	4,000	40	9,000
Belgrade	Bakery	Products		1914	2,000	18	6,000
Belt	Bakery	Products		1915	500	15	4,000
Big Timber	Bakery	Products		1910	2,000	35	6,000
Billings	Bakery	Products		1911	1,500	50	12,000
Bozeman	Bakery	Products		1910	4,000	35	12,600
Butte	Bakery	Products		1906	5,000	60	21,900
Butte	Bakery	Products		1904	30,000	275	90,000
Butte	Bakery	Products		1912	2,100	25	9,125
Butte	Bakery	Products		1900	5,000	200	30,000
Butte	Bakery	Products		1908	2,000	30	9,000
Butte	Bakery	Products		1914	5,000	50	19,000
Butte	Bakery	Products		1915	5,000	100	25,000
Butte	Bakery	Products		1885	5,000	100	30,000
Chinook	Bakery	Products		1913	500	11	3,600
Conrad	Bakery	Products		1914	1,000	10	3,000
Culbertson	Bakery	Products		1911	500	20	5,000
Deer Lodge	Bakery	Products		1912	5,000	65	10,000
Deer Lodge	Bakery	Products		1910	1,400	17	4,350
Dillon	Bakery	Products		1909	6,000	40	12,000
Forsyth	Bakery	Products		1914	1,000	30	10,000
Glasgow	Bakery	Products		1904	1,000	35	11,000
Great Falls	Bakery	Products		1907	20,000	100	30,000
Great Falls	Bakery	Products		1914	5,500	52	16,224
Great Falls	Bakery	Products		1900	4,000	75	23,475
Great Falls	Bakery	Products		1894	3,000	50	13,000
Great Falls	Bakery	Products		1903	5,000	27	10,000
Harlowton	Bakery	Products		1911	1,800	20	6,240
Havre	Bakery	Products		1903	5,000	75	20,000
Helena	Bakery	Products		1910	5,000	125	38,698
Helena	Bakery	Products		1916	10,000	200	52,800
Kalispell	Bakery	Products		1904	4,000	35	15,000
Kalispell	Bakery	Products		1904	1,000	12	3,600
Laurel	Bakery	Products		1908	3,000	30	8,000
Lewistown	Bakery	Products		1914	4,300	67	21,100
Lewistown	Bakery	Products		1912	3,000	70	25,000
Livingston	Bakery	Products		1908	8,000	160	35,000
Miles City	Bakery	Products		1914	4,000	90	27,000
Missoula	Bakery	Products		1882	5,000	20	5,500
Missoula	Bakery	Products		1900	20,000	100	30,000
Missoula	Bakery	Products		1911	3,000	33	10,000
Moore	Bakery	Products		1914	1,000	10	3,600
Plentywood	Bakery	Products		1912	3,000	30	10,000
Poison	Bakery	Products		1910	2,000	30	8,000
Red Lodge	Bakery	Products		1915	300	15	4,000
Roundup	Bakery	Products		1909	5,000	75	14,000
Shelby	Bakery	Products		1913	1,500	10	3,000
Sidney	Bakery	Products		1913	2,500	10	3,600
Stevensville	Bakery	Products		1913	1,000	10	2,500
Three Forks	Bakery	Products		1914	1,000	10	3,000
Whitefish	Bakery	Products		1913	1,200	12	3,000
Total					\$227,600	\$2,934	\$819,912

FACTURES—STEAM BAKERIES.

Males Employed		Hours Per Day		Days per Month		Ave. Wage Per Day		Wages Females.	Number of Horse Power.
Skilled.	Unskilled.	Females Employed.	Males.	Females.	Males.	Months per year.	Days per month Females.	Skilled.	Unskilled.
5	1	1	8	9	26	12	26	\$5.00	\$2.50
0	0	0	8	0	26	12	0	4.50	0
1	0	0	8	0	26	12	0	4.25	0
1	0	0	8	0	26	12	0	4.25	0
1	0	0	8	0	26	12	0	4.25	0
2	1	2	10	0	26	12	0	3.50	2.50
1	1	0	8	0	26	12	0	4.00	1.50
2	2	0	8	0	26	12	0	5.00	2.00
8	10	0	8	0	26	12	0	5.00	4.00
2	0	0	8	0	26	12	0	5.00	0
2	1	0	8	0	26	12	0	4.75	2.00
1	0	0	8	0	26	12	0	6.00	0
1	1	1	8	8	26	12	30	5.50	3.00
3	1	0	8	0	26	12	0	4.90	1.00
4	1	1	8	9	26	12	30	5.00	2.00
1	0	0	8	0	26	12	0	4.50	0
1	0	0	9	0	26	12	0	3.50	0
0	0	1	0	8	26	12	26	0	3.00
2	0	0	9	0	26	12	0	4.75	0
0	1	1	8	7	26	12	26	0	1.50
1	1	1	8	8	26	12	30	4.50	2.00
1	0	0	10	0	26	12	0	3.25	0
1	1	0	8	0	26	12	0	4.00	2.00
3	2	1	9	8	26	12	30	4.50	2.50
1	2	1	9	8	26	12	26	4.50	3.00
1	1	1	9	0	26	12	0	4.00	1.50
5	0	0	9	0	26	12	0	3.50	0
1	0	0	9	0	26	12	0	5.00	2.50
0	0	0	8	0	26	12	0	4.00	0
2	2	0	8	0	26	12	0	4.00	0
2	1	0	8	0	26	12	0	3.00	1.00
5	0	1	10	9	26	12	0	5.00	2.00
0	0	0	9	0	26	12	26	4.50	3.00
4	4	1	9	9	26	12	26	4.50	3.00
1	1	0	10	0	26	12	0	5.00	2.00
1	0	0	8	0	26	12	0	3.50	0
1	0	0	8	0	26	12	0	4.50	0
2	2	1	8	8	26	12	0	4.00	2.50
2	0	0	8	0	26	12	0	5.00	0
4	2	1	9	9	26	12	26	4.00	3.00
3	1	1	10	9	26	12	26	3.50	3.00
1	1	0	8	0	26	12	0	4.00	2.00
4	0	0	9	0	26	12	0	4.00	2.50
2	0	0	12	0	26	12	0	3.85	0
1	0	0	8	0	26	12	0	4.00	0
1	0	1	9	9	26	12	26	4.20	0
1	1	0	10	0	26	12	0	3.00	1.65
2	0	0	10	0	26	12	0	4.50	0
1	1	1	9	9	26	12	26	3.50	3.00
1	0	0	9	0	26	12	0	3.50	0
1	0	1	10	9	26	12	0	4.00	0
1	1	0	8	0	26	12	0	3.50	0
1	0	0	8	0	26	12	0	3.50	0
1	0	0	8	0	26	12	0	3.50	0
1	0	0	8	0	26	12	0	4.35	0
103	51	16	8 3/4	8 1/2	26	12	27 1/4	\$4.25	\$2.30
								\$1.99	119 1/4

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TABLE NO. 17—MONTANA MANUFACTURES—

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity Tons.	Yearly Output Tons.
Bozeman	Cereals	1908	\$ 75,000	15	4,000
Camas	Chopped Feed	1912	800	2	500
Conrad	Ground Feed	1914	900	10	1,115
Great Falls	Ground Feed	1915	1,000	5	1,000
Great Falls	Ground Feed	1914	6,000	10	3,000
Hardin	Alfalfa Meal	1914	17,000	40	6,000
Havre	Ground Feed	1913	500	5	300
Miles City	Feed	1915	8,000	10	3,000
Townsend	Alfalfa Meal	1914	4,500	15	600
Total			\$113,700	112	19,515

TABLE NO. 18—MONTANA MANUFACTURES—

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity	Yearly Output
Anaconda	Castings & Mach. Repairs	1890	\$273,000	\$2,500	\$ 607,054
Billings	Castings & Mch. Repairs	1909	40,000	1,500	30,000
Butte	Castings & Mach. Repairs	1883	24,000	300	90,000
Butte	Castings & Mach. Repairs	1890	100,000	450	130,000
Butte	Fire Esc. & Ornmtl. Iron Wk	1913	7,670	100	24,000
Great Falls	Castings & Mach. Repairs	1910	3,500	20	7,000
Great Falls	Castings & Mach. Repairs	1890	62,925	850	250,000
Helena	Machinery Repairs	1894	50,000	150	48,000
Helena	Foundry & Repair Work	1911	4,000	25	10,000
Kalispell	Saw Mill Repairs	1905	35,000	35	10,000
Lewistown	Repair Work	1909	9,000	35	3,000
Missoula	Foundry & Machine Work	1889	25,000	30	9,600
Total			\$634,095	\$5,995	\$1,218,654

DEPARTMENT OF LABOR AND INDUSTRY

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FEED, ALFALFA AND CEREAL MILLS.

Males Employed		Hours Per Day		Days per Month Males.		Months per year.		Days per month Females.		Ave. Wage Per Day		Wages Females.		Number of Horse Power.
Skilled	Unskilled.	Females Employed.	Males.	Females.	Males.	Days per Month Males.	Months per year.	Skilled.	Unskilled.	Skilled.	Unskilled.	Wages Females.		
20	1	0	9	0	26	12	7	0	0	\$3.00	\$2.50	\$ 0	0	120
1	0	0	0	0	26	12	7	0	0	3.00	0	0	0	10
0	1	0	10	0	26	12	6	0	0	3.00	0	0	0	25
0	1	0	10	0	26	12	6	0	0	3.00	0	0	0	10
0	1	0	10	0	26	12	6	0	0	3.00	0	0	0	10
1	0	0	8	0	26	12	6	0	0	5.00	2.40	0	0	80
0	1	0	10	0	26	12	6	0	0	3.00	0	0	0	8
0	2	0	8	0	26	12	2	0	0	3.50	2.00	0	0	15
3	3	0	8	0	26	12	2	0	0	3.00	2.00	0	0	60
25	18	0	9 1/8	0	24	8 1/9		0	0	\$4.37	\$2.61	\$ 0	0	338

FOUNDRIES, REPAIR AND MACHINE SHOPS.

Males Employed		Hours Per Day		Days per Month Males.		Months per year.		Days per month Females.		Ave. Wage Per Day		Wages Females.		Number of Horse Power
Skilled	Unskilled.	Females Employed	Males.	Females	Males.	Days per Month Males.	Months per year.	Skilled	Unskilled	Skilled	Unskilled	Wages Females.		
84	114	0	8	0	26	12	0	0	0	\$4.30	\$2.90	\$ 0	0	645
10	7	0	8	0	26	12	0	0	0	4.00	3.00	0	0	50
12	8	0	8	0	26	12	0	0	0	4.50	3.50	0	0	78
18	16	1	8	7 1/2	26	12	26	4.75	3.50	2.30	0	0	0	101
5	0	0	8	0	26	12	0	4.00	0	0	3.00	0	0	10
0	1	0	8	0	26	12	0	4.00	0	0	3.00	0	0	5
50	25	0	8	0	26	12	0	4.50	3.00	0	0	0	0	100
13	6	1	9	9	26	12	26	4.50	2.75	3.25	0	0	0	30
3	2	0	9	0	26	12	0	4.50	3.00	0	0	0	0	7 1/2
6	0	0	9	0	26	12	0	3.50	0	0	0	0	0	20
1	0	0	8	0	26	6	0	4.50	0	0	0	0	0	5
1	3	0	9	0	26	12	0	4.00	3.00	0	0	0	0	20
203	182	2	8 1/3	8 1/4	26	11 1/2	26	\$4.27	\$3.07	\$2.77	1071 1/2			

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TABLE NO. 19—MONTANA MANUFAC

Postoffice—	Goods Manufactured or handled	Date When Established.	Capital Invested	Daily Capacity	Yearly Output.
Albright	Lime Rock	1910\$	50,000**	800**	55,283
Anaconda	Lime Rock	1906	120,000**	2,000**	415,000
Belgrade	Concrete Sectional Culvts.	1914	40,300\$	2,500\$	10,400
*Billings	Beet Sugar	1906	1,250,000**	2,000**	240,000
Billings	Mattresses	1908	5,000\$	150\$	8,000
Billings	Pickles & Sauerkraut	1908	5,000\$	40\$	15,000
Billings	Tents, Awnings, Canvas	1913	3,000\$	50\$	15,000
Billings	Store & Office Fixtures	1912	5,000\$	50\$	15,000
Billings	Sash, Doors, Mill Work	1908	300,000\$	1,000\$	200,000
Bonner	Sash, Doors, Mill Work	1898	70,982\$	401.87\$	61,688
Bonner	Boxes	1898	11,300\$	124.00\$	19,091
Bozeman	Hides Tanned	1909	250\$	100\$	3,000
Butte	Carriages	1880	31,463\$	100\$	30,129
Butte	Mattresses & Springs	1906	40,000\$	200\$	36,000
Butte	Brooms	1915	2,200\$	75\$	10,000
Butte	Macaroni	1898	10,000\$	120\$	22,200
Butte	Artificial Ice	1914	5,000\$	150\$	54,000
Columbia Falls	Boxes	1907	10,000\$	50\$	15,000
Columbus	Sandstone & Grindstones	1897	50,000**	100**	32,000
Conrad	Flax Line & Tow	1913	35,000\$	200\$	50,000
Elliston	Lime	1878	20,000\$	200\$	32,000
Fromberg	Concrete Sectional Culvts.	1911	4,200\$	50\$	7,000
Fromberg	Vinegar	1908	5,000\$	50\$	5,000
Great Falls	Gypsum Products	1908	19,898**	200**	54,213
Great Falls	Sash, Doors, Store Fix.	1900	15,000\$	200\$	39,000
Great Falls	Bluing & Ammonia	1914	500\$	15\$	4,000
Great Falls	Building Stone	1903	7,000**	136**	43,300
Great Falls	Artificial Ice	1914	64,000**	15**	5,000
Great Falls	Insect Poisons	1915	8,000\$	1,500\$	100,000
Hamilton	Sash, Doors, Mill Work	1895	30,000\$	871\$	2,672
Hamilton	Boxes	1895	20,915\$	290\$	14,853
Hamilton	Canning	1915	30,000\$c	500\$c	25,000
Hanover	Gypsum Products	1916	150,000**	200**	35,000
Helena	Pancake Flour, Baking P.	1893	2,000\$	100\$	4,200
Helena	Rubber Stamps	1905	2,000\$	10\$	4,000
Helena	Rugs	1912	3,000\$	50\$	9,000
Helena	Crackers	1891	20,000\$	970\$	210,000
Helena	Soap	1888	10,000\$	5,500\$	1,400,000
Helena	Tents & Awnings	1898	1,000\$	10\$	2,000
Lime Spur	Lime Rock	1909	25,000**	400**	140,000
Miles City	Saddles & Leather Goods	1909	50,000\$	300\$	75,000
Miles City	Saddles & Leather Goods	1893	50,000\$	200\$	50,000
Miles City	Sectional Concrete Culvts.	1916	6,000\$	100\$	13,000
Missoula	Sheet Metal Culverts	1909	10,000\$	325\$	32,000
Trident	Cement	1909	800,000\$	2,200\$	803,000
Total			\$3,398,008		

TURES—MISCELLANEOUS INDUSTRIES.

Males Employed		Hours Per Day		Days per Month Males.		Months per year.		Days per month Females.		Ave. Wage Per Day			
Skilled.	Unskilled.	Females Employed.	Males.	Females.	Males.				Skilled.	Unskilled.	Wages Females.	Number of Horse-Power.	
13	35	0	8	0	26	12	0	\$3.88	\$3.00	\$	0	50	
13	100	0	8	0	30	12	0	4.15	3.25	0	0	200	
3	2	0	9	0	26	8	0	3.65	3.00	0	0	25	
50	450	3	10	9	30	4	26	e30-55	e25-30	2.90	0	5033	
3	2	1	8	8	26	12	26	3.50	3.00	2.00	0	10	
1	3	0	10	0	26	12	0	3.50	2.50	0	0	5	
2	0	1	9	9	26	8	0	5.00	0	2.50	0	2	
3	0	0	8	0	26	12	0	3.50	0	0	0	21	
10	15	2	9	8	26	12	26	4.50	3.00	3.00	0	100	
15	9	0	9	0	26	12	0	3.75	2.50	0	0	160	
1	3	0	9	0	26	12	0	2.98	2.47	0	0	50	
1	0	0	9	0	5	6	0	4.00	0	0	0	5	
7	0	0	8	0	26	12	0	4.33	0	0	0	18	
6	3	4	8	8	26	12	26	4.00	3.50	2.00	0	53	
3	0	0	8	0	26	12	0	4.00	0	0	0	3	
33	0	3	8	8	26	10	26	4.00	0	2.00	0	15	
2	0	0	8	0	30	12	0	4.00	0	0	0	50	
1	2	1	10	9	26	12	0	3.00	2.50	2.90	0	72	
25	5	0	8	0	26	9	0	6.00	3.50	0	0	60	
2	20	0	10	0	26	10	0	5.00	3.00	0	0	50	
33	4	0	9	0	26	12	0	4.00	3.00	0	0	0	
3	2	0	9	0	26	9	0	3.40	3.00	0	0	4	
1	0	0	9	0	26	4	0	4.00	0	0	0	6	
40	0	0	8	0	20	12	0	3.25	0	0	0	50	
11	0	0	8	0	26	12	0	4.50	0	0	0	20	
1	0	0	8	0	26	12	0	4.00	0	0	0	0	
4	5	0	8	0	26	12	0	3.50	2.75	0	0	0	
3	8	0	8	0	30	7	0	4.50	3.50	0	0	103	
2	0	0	8	0	26	6	0	3.00	0	0	0	8	
2	0	0	9	0	20	2	0	3.48	0	0	0	150	
2	0	0	9	0	26	2	0	3.48	0	0	0	150	
5	15	10	10	9	26	3	26	3.00	2.00	1.50	0	35	
5	10	0	9	0	26	9	0	3.50	2.75	0	0	300	
0	2	0	8	0	26	12	0	0	s	0	0	2	
2	0	0	8	0	26	12	0	5.00	0	0	0	0	
4	3	1	9	0	26	9	26	2.50	2.00	1.25	0	5	
27	12	30	9	9	26	12	26	3.00	1.25	1.50	0	100	
2	11	2	10	8	26	12	10	4.00	2.50	1.50	0	60	
1	0	0	8	0	26	12	0	4.00	0	0	0	1	
5	20	3	10	9	30	12	30	4.00	3.25	2.00	0	50	
12	0	0	9	0	26	12	0	4.50	0	0	0	1	
10	0	0	9	0	26	12	0	5.00	0	0	0	1	
1	2	0	9	0	26	9	0	3.50	0	0	0	2	
37	84	0	12	0	30	12	0	3.50	2.75	0	0	2000	
348	829	61	8 1/2	8 1/2	25 4/5	10	24 4/5	\$3.88	\$2.79	\$2.08	0	9035	

* Average output for nine years.

** Tons.

† Hides.

‡ Pounds.

c Cases.

z Barrels.

e Cents per hour.

s Piece work.

SECOND BIENNIAL REPORT

TABLE NO. 20—STATEMENT OF THE BUSINESS TRANSACTED BY THE BUTTE FREE EMPLOYMENT OFFICE FOR THE
YEAR 1914.

APPLICATIONS AND POSITIONS CLASSIFIED	TOTAL											
	January	February	March	April	May	June	July	August	September	October	November	December
Applications for Work—Male	120	160	120	100	125	106	160	86	140	107	145	95
Applications for Work—Female	230	125	159	202	216	275	265	157	125	175	230	165
Applications for Help—Male	60	45	48	112	78	211	211	29	45	102	35	33
Applications for Help—Female	180	118	160	239	169	211	211	127	90	110	75	125
Positions Filled—Male	60	60	45	48	105	77	89	29	45	49	35	33
Positions Filled—Female	110	77	96	129	149	190	206	96	88	104	75	113
NATURE OF POSITIONS FILLED—MALE	Miners, Section Men & Laborers	56	55	3	0	4	72	5	25	42	46	33
Banch, Hands & Milkers	4	5	4	15	105	5	20	4	3	3	2	31
Miscellaneous	0	0	38	33	0	0	64	0	0	0	0	135
FEMALE	Chambermaids & Domestics	60	43	67	91	103	120	130	52	40	49	51
Hotel & Restaurant Help	28	27	33	32	40	76	76	44	48	55	24	0
Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0
Positions Filled in City—Male	4	55	38	33	101	72	64	26	42	46	65	45
Positions Filled in City—Female	22	70	96	123	143	190	201	89	76	100	109	125
Positions Filled Out of City—Male	56	5	7	15	4	5	25	4	3	3	2	131
Positions Filled Out of City—Female	88	7	4	6	6	4	5	7	4	4	10	4

TABLE NO. 21—STATEMENT OF THE BUSINESS TRANSACTED BY THE BUTTE FREE EMPLOYMENT OFFICE FOR THE
YEAR 1915.

TABLE NO. 22—STATEMENT OF THE BUSINESS TRANSACTED BY THE MISSOULA FREE EMPLOYMENT OFFICE FOR THE YEAR 1914.

TABLE NO. 23—STATEMENT OF THE BUSINESS TRANSACTED BY THE MISSOULA FREE EMPLOYMENT OFFICE FOR
THE YEAR 1915.

SECOND BIENNIAL REPORT

TABLE NO. 24—STATEMENT OF THE BUSINESS TRANSACTED BY THE LIVINGSTON FREE EMPLOYMENT OFFICE FOR
THE YEAR 1914.

TABLE NO 25—STATEMENT OF THE BUSINESS TRANSACTED BY THE LIVINGSTON FREE EMPLOYMENT OFFICE FOR THE YEAR 1915.

SECOND BIENNIAL REPORT

TABLE NO. 26—GENERAL SUMMARY BY YEARS OF THE BUSINESS
TRANSACTED BY THE BUTTE FREE EMPLOYMENT OFFICE.

YEAR	Applications for Help	Applications for Work	Total Male Help Supplied	Total Female Help Supplied	Total Positions Filled
1905	11,653	13,555	5,614	4,660	10,274
1906	10,379	12,798	4,276	3,974	8,350
1907	8,317	9,429	3,660	2,610	6,270
1908	5,445	6,011	1,895	2,417	4,312
1909	5,191	6,258	1,846	2,644	4,490
1910	5,262	7,224	2,248	2,140	4,388
1911	3,019	5,452	1,179	1,424	2,603
1912	3,496	3,386	1,112	1,666	2,778
1913	3,484	3,302	998	1,661	2,659
1914	2,551	3,798	675	1,433	2,108
1915	3,458	5,329	902	2,134	3,036

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TABLE NO. 27—PENITENTIARY STATISTICS—STATEMENT SHOWING BY COUNTIES THE OFFENSES FOR WHICH PRISONERS WERE COMMITTED TO THE MONTANA STATE PRISON FOR THE YEAR 1914.

Offense for Which Committed	Beaverhead	Bitterroot	Blaire	Broadwater	Cascade	Carbon	Chouteau	Custer	Fallon	Fergus	Gallatin	Grande	Hill	Lewis & Clark	Madison	Meagher	Missoula	Missسلسلہ	Park	Philips	Powell	Ravalli	Rosebud	Sheridan	Silver Bow	Sweet Grass	Teton	Toolie	Valley	Wibaux	Yellowstone	Richland	Total	Prisoners		
Assault.....	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32	...	
Arson.....	3	2	4	4	13	1	2	1	1	8	2	5	4	4	5	2	7	6	7	1	3	2	3	1	1	1	1	1	1	124	...					
Bigamy.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	
Carrying Con. Weapon.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	
Burglary.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Escape from Prison.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...
Fictitious Check.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...
Forgery.....	5	2	3	1	3	5	1	1	2	1	3	1	1	1	1	1	2	1	3	1	1	1	1	1	1	1	1	1	1	1	60	...				
Grand Larceny.....	6	3	1	3	11	1	6	1	6	3	6	1	2	1	3	1	3	3	3	1	1	1	1	1	1	1	1	1	1	1	90	...				
Injuring Jail.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Incest.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
Infamous Crime.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	...
Killing Stock.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kidnapping.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33	...
Manslaughter.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
Murder.....	4	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...					
Rape.....	4	...	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...					
Rec. Stolen Goods.....	...	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...			
Robbery.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White Slavery.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
Total Each County.....	26	7	9	9	42	2	6	11	5	2	21	12	22	2	13	8	15	7	14	13	19	5	12	11	3	2	3	8	45	2	516	13	22	2	416	...

SECOND BIENNIAL REPORT

TABLE NO. 28 (CONTINUED)—PENITENTIARY STATISTICS—STATEMENT SHOWING BY COUNTIES THE OFFENSES FOR WHICH PRISONERS WERE COMMITTED TO THE MONTANA STATE PRISON DURING THE YEAR 1915.

Offense for Which Committed	Bearhead	Bighorn	Blaine	Broadwater	Cascade	Carbon	Chouteau	Dawson	Fairfax	Gallatin	Granite	Hill	Jefferson	Lewis & Clark	Lincoln	Madeison	Missoula	Mineral	Park	Phillips	Powell	Prairie	Ravalli	Richeland	Rosebud	Sanderson	Sheridan	Sweet Grass	Teton	Valley	Wibaux	Yellowstone	Total	
Assault.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Arson.....																																		
Bigamy.....	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Burglary.....																																		
Carrying Con. Weapon.....																																		
Escape from Prison.....																																		
Fictitious Check.....																																		
Forgery.....	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Grand Larceny.....																																		
Injuring Jail.....																																		
Incest.....																																		
Infamous Crime.....																																		
Killing Stock.....																																		
Kidnapping.....																																		
Manslaughter.....																																		
Murder.....																																		
Rape.....																																		
Rape, Stolen Goods.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Robbery.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
White Slavery.....																																		
Total Each County.....	37	1	4	3	35	6	8	26	8	6	3	15	7	27	1	7	10	5	7	13	4	13	1	2	12	4	2	24	44	..	210	111	.27	5437

TABLE NO. 29—JAIL INCARCERATIONS IN THE COUNTY JAILS DURING 1914 AS REPORTED BY SHERIFFS.

DEPARTMENT OF LABOR AND INDUSTRY

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Includes city prisoners confined in county jail.

SECOND BIENNIAL REPORT

TABLE NO. 30—JAIL INCARCERATIONS IN THE COUNTY JAILS DURING 1915 AS REPORTED BY SHERIFFS.

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TABLE NO. 32—BANKING STATISTICS. AGGREGATE RESOURCES AND LIABILITIES OF THE STATE, PRIVATE AND NATIONAL BANKS OF MONTANA, JUNE 30, 1916.

(Compiled from figures furnished by the State Examiner.)

RESOURCES

	State	Private	National	Total
Loans and Discounts.....	\$45,341,015.48	\$ 3,591,409.89	\$35,849,000	\$ 84,781,425.37
Overdrafts.....	205,174.90	16,817.81	76,000	298,992.71
Bonds and warrants.....	2,848,493.18	2,572,277.09	9,693,000	15,113,770.27
Real Estate, Furniture.....	3,286,673.66	831,723.83	796,000	4,914,397.49
Gold and Silver.....	1,571,722.93	214,952.97	2,927,000	4,713,675.90
Currency.....	2,344,276.00	555,160.00	364,000	3,263,436.00
Due from Banks.....	14,008,810.67	3,772,592.47	15,998,000	33,779,403.14
Checks, Cash Items.....	323,416.33	34,898.71	1,237,000	1,555,315.04
Other Resources.....	354,189.02	21,263.20	1,000	376,452.22
Total Resources.....	\$70,283,772.17	\$11,611,095.97	\$66,941,000	\$148,835,868.14

LIABILITIES

Capital Stock.....	\$ 9,100,000.00	\$ 947,800.00	\$ 5,650,000	\$ 15,697,800.00
Surplus.....	2,415,680.71	63,208.57	2,836,000	5,314,889.28
Undivided Profits.....	1,297,647.53	95,680.05	1,289,000	2,682,327.58
Due to Banks.....	2,872,455.04	152,381.88	4,867,000	7,891,836.92
Deposits, Checking.....	33,771,102.68	6,652,165.77	32,861,000	73,234,268.45
Deposits, Savings.....	19,390,603.96	3,618,789.58	15,906,000	38,915,393.54
U. S. Deposits.....	.....	.....	3,293,000	3,293,000.00
Bills Payable.....	1,204,466.44	80,800.00	239,000	1,524,266.44
Other Liabilities.....	231,815.81	270.12	232,085.93
Total Liabilities.....	\$70,283,772.17	\$11,611,095.97	\$66,941,000	\$148,835,868.14

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TABLE NO. 33—REVENUE FROM LICENSES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1914, AS REPORTED BY
COUNTY TREASURERS.

COUNTY	Billedard Tables	Bottling Works	Breweries	Cigarette Selling	Office Selling	Liquor Selling	Liquor Selling	Power & Light	Candles & Soaps	Galleries	Telephone	Theatres	Street Railways	All Others	TOTAL				
Beaverhead...	\$ 172	50	\$ 90	\$ 90	\$ 1,498.00	\$ 792	\$ 50	\$ 46	\$ 100.00	\$ 100.00	\$ 46	\$ 100.00	\$ 40.00	\$ 40.00	\$ 16,322.50				
Big Horn...	\$ 163	00	\$ 60	\$ 60	\$ 1,760.00	\$ 892.00	\$ 40	\$ 12.50	\$ 15	\$ 15	\$ 16	\$ 16	\$ 40.00	\$ 40.00	\$ 1,983.00				
Blaine...	116.25	10	60	60	6,160.00	2,715	135	37.50	200	125	500.00	400	200	200	9,079.25				
Broadwater...	232.50	30	750	690	60,621.00	17,380.00	400	17.50	12.50	10	200.00	25	100.00	100.00	6,541.00				
Cascade...	465.00	240.00	30	135	1,240	1,380	135	17.50	12.50	50	100.00	100.00	100.00	100.00	66,973.50				
Carbon...	7.50	70	400	300	9,306.30	9,306.30	30	19.525.00	75	45	30	100.00	50	50	18,170.00				
Chouteau...	221.70	50.00	75	50	890	30	150	12.50	12.50	10	100.00	100.00	100.00	100.00	9,678.00				
Chuster...	431.25	50.00	400	400	15,224.00	495	175.00	175.00	200	50	15	400.00	75	400.00	200	21,301.25			
Dawson...	190.00	00	430	430	27,005.00	27,005.00	180	180	180	180	180	180	180	180	180	16,466.00			
Deer Lodge...	348.75	00	230	230	3,575.00	3,575.00	180	180	180	180	180	180	180	180	180	29,793.00			
Fallon...	148.00	00	1,240	1,240	1,383	1,383	35	1,240	1,240	50	100.00	100.00	100.00	100.00	100.00	3,973.00			
Fergus...	975.00	25.00	180	180	90	450	90	17.919.00	17.919.00	100	125	300.00	87	50.00	50.00	135.00			
Flathead...	761.25	00	165	165	16,401.00	16,401.00	45	165	165	60	60	500.00	200	50.00	50.00	45.00			
Galatin...	618.75	40.00	140	140	7,205.00	7,205.00	60	140	140	50	50	100.00	100.00	100.00	100.00	19,827.50			
Granite...	253.75	00	30	30	140	140	30	140	140	150	40	100.00	100.00	100.00	100.00	10,097.25			
Hill...	215.00	00	180	180	17,769.00	17,769.00	180	180	180	180	180	180	180	180	180	7,838.75			
Jefferson...	157.50	00	1,870	1,870	35,277.00	35,277.00	30	150	150	180	180	180	180	180	180	12,637.50			
Levi & Clark...	388.00	157.50	180	180	6,600.00	6,600.00	35	180	180	40	40	100.00	100.00	100.00	100.00	41,784.00			
Lewis & Clark...	251.25	00	100	100	10,065.00	10,065.00	7	60	60	10	10	100.00	100.00	100.00	100.00	5.50			
Lincoln...	7.50	00	40	40	10,010.00	10,010.00	50	10	10	10	10	100.00	100.00	100.00	100.00	10,387.50			
Madison...	356.12	00	100	100	3,641.25	3,641.25	12	100	100	70	70	100.00	100.00	100.00	100.00	10,366.12			
Meagher...	37.50	00	20	20	38,610.00	38,610.00	20	1,230	1,230	360	360	200	125	60	831.50	275			
Missoula...	843.75	180.00	660	660	35,277.00	35,277.00	30	1,230	1,230	360	360	200	125	60	200	280.00			
Musselshell...	496.50	50.00	40	40	649.00	649.00	40	440	440	530	530	50	150	100.00	100.00	45.00			
Park...	588.75	75.00	180	180	16,830.00	16,830.00	75	9,845.00	9,845.00	75	50	100.00	100.00	100.00	100.00	18,933.75			
Powell...	202.50	00	45	45	8,943.00	8,943.00	15	630	630	630	630	50	135	200.00	25	10,966.50			
Ravalli...	528.00	00	15	15	6,633.00	6,633.00	12	1,980.00	1,980.00	1,980.00	1,980.00	15	100.00	100.00	74	10,695.00			
Rosebud...	176.25	00	100	100	1,980.00	1,980.00	12	1,980.00	1,980.00	1,980.00	1,980.00	15	100.00	100.00	100.00	7,059.25			
Richland...	11.25	00	220	220	6,160.00	6,160.00	11	1,230	1,230	360	360	200	125	60	100.00	100.00			
Sanders...	341.25	00	40	40	22,110.00	22,110.00	615	3,060	3,060	100	100	30	150	100.00	100.00	120.50			
Shoshone...	307.50	300.00	60	60	1,050.00	1,050.00	45	340	340	3,125.00	3,125.00	15	900.00	375	500.00	200	23,518.00		
Silver Bow...	1,143.75	00	20.00	20.00	4,224.00	4,224.00	45	12.50	12.50	12.50	12.50	5	300.00	20	870.00	10.00	16,164.00		
Stillwater...	1,165.00	00	30.00	30.00	19,030.00	19,030.00	30	1,240.00	1,240.00	1,240.00	1,240.00	5	12.50	12.50	10.00	3,368.00	10.00	13,692.00	
Sweet Grass...	81.40	00	15	15	3,960.00	3,960.00	15	1,230	1,230	1,230	1,230	15	45	45	45	55.00	55.00	4,622.90	
Teton...	735.00	00	20	445	270	11,858.00	11,858.00	300	1,910	70	26,620.00	75	350	15	800.00	216	266.65	200	13,980.50
Valley...	325.00	00	20	300	1,910	70	1,910	20	20	20	20	20	20	20	20	20	20	2,504.00	
Whitaux...	1,174.00	00	20	300	1,910	70	1,910	20	20	20	20	20	20	20	20	20	20	32,641.65	
Yellowstone...																			
Total....	\$13,712.97	\$1,167.50	\$450	\$4,165	\$16,550	\$600	\$687.213.05	\$10,890	\$2,302.00	\$1,900	\$2,145	\$240	\$6,931.50	\$2,435	\$1,816.65	\$1,100	\$2,746.00	\$756,364.67	

TABLE NO. 34—REVENUE FROM LICENSES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1915, AS REPORTED BY COUNTY TREASURERS.

COUNTY	BILLED TABLES	BOTTLING WORKS	BOWLING ALLEYS	BRWEETERS	CIGARETTE SELLING	INTERFERENCE	Liquor Selling,	Retailer	Wholesaler	Wine & Liquor Sales	PAWN BROKERS	COMPANIES & LIGHT	SHOWS & CIRCUSES	GALLERIES	SHOOTINGS	TELEGRAPH &	WATER COMP.	STREET RAILWAYS	ALL OTHERS	TOTAL	
Beaverhead.....																					
Big Horn.....	\$ 195.00	\$ 8	\$ 8	\$ 77.50	\$ 105	\$ 15,180.00	\$ 1,760.00	\$ 37.50	\$ 50	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 25.00	\$ 15,680.00	
Blaine.....	\$ 195.00																				
Broadwater.....	291.30																				
Cascade.....	225.00	10	60.00	300	45	5,940.00	5,890.00	112.50	50	20	20	30.00	1,000.00	275	5	70.00	40.00	712.50	5,308.80		
Carbon.....	1,608.75	300.00	160	375.00	3,610	60,687.00	17,393.00	550.00	200	10	100.00	100.00	225	20	200.00	200.00	69,460.75	67,728.98			
Garfield.....	230.00																				
Hanover.....	252.00																				
Houston.....	100.00																				
Jackson.....	83.50	50.00	50	1,160	1,480	16,355.00	75	15	15	100.00	100.00	100.00	175	50	91.00	10,490.00	10,490.00	10,490.00			
Laramie.....	100.00																				
Park.....	427.50	15	225.00	530	29,095.00	2,475	217.50	200	40	40	400.00	300	400.00	200	30.00	30.00	30.00	30.00	34,555.00		
Pine.....	1,712.90	40.00	1.850	190	4,565.00	1,850	29,997.00	839	37.50	50	105	100.00	125	125	10.00	10.00	10.00	10.00	49,982.50		
Platte.....	1,375.00	25.00	45	180.00	180.00	16,830.00	16,830.00	12.50	12.50	45	15.00	300.00	150	50.00	350	350	350	350	34,628.50		
Rocky Mountain.....	713.75	120.00	30	515.00	780	10	16,566.00	75	25.00	100	180	300.00	150	50.00	350	350	350	350	18,566.25		
Shoshone.....	105.00	25.00	10	90.00	430	16,710.00	16,710.00	50	50	20	100.00	100.00	100.00	100.00	30	30	30	30	19,992.25		
Teton.....	105.00																				
Wyo. & Idaho.....	135.75	182.50	255.00	1,960	170	34,325.25	1,320	320.00	200	180	45.00	434.50	150	150	20.00	20.00	20.00	20.00	40,714.00		
Yellowstone.....	498.75																				
Jefferson.....	255.00																				
Lewis & Clark.....	194.80																				
Lincoln.....	291.75																				
Madison.....	657.75	330.00	10	660.00	1,140	110	29,370.00	130.00	200	55	15.00	400.00	175	400.00	200	200.00	200.00	200.00	225.00		
Jefferson.....	111.25	50.00	25	470	520	15,849.17	300	125.00	50	25	30.00	100.00	100	100	50	50	50	50	526.25		
Lincoln.....	577.50																				
Madison.....	277.50																				
Jefferson.....	86.25																				
Lincoln.....	476.25																				
Madison.....	187.50																				
Jefferson.....	82.50																				
Madison.....	360.00																				
Jefferson.....	414.49																				
Madison.....	1,361.25	360	60	615.00	2,190	130	151,503.00	325	3,210.00	600	90	1,000.00	375	500.00	200	175.00	175.00	175.00	175.00	175.00	
Jefferson.....	285.00																				
Madison.....	448.75																				
Jefferson.....	307.50																				
Madison.....	56.25																				
Jefferson.....	1,331.00	110	40	300.00	1,930	70	27,280.00	75	282.50	200	30.00	400.00	250	166.65	200	250	250	250	250	33,151.15	
Total.....	\$ 16,311.80	\$ 1,757.50	\$ 677.50	\$ 22,245	\$ 490	\$ 686,687.90	\$ 490	\$ 7,287	\$ 5,535.00	\$ 2,300	\$ 2,323	\$ 297.50	\$ 6,234.50	\$ 2,445	\$ 2,816.65	\$ 1,550	\$ 2,737.00	\$ 765,340.35			

TABLE NO. 35—MOVEMENT OF POPULATION FROM DECEMBER 1, 1914
TO NOVEMBER 30, 1915, INC.

	Male	Female	Total
Number in Hospital Beginning Year	674	262	936
Number admitted during Fiscal year.....	340	132	472
Total Treated	1014	394	1408
Discharged Recovered	129	21	150
Discharged Improved	65	71	136
Deaths	91	13	104
Escaped	26	....	26
Deported	3	1	4
Total Discharged	314	106	420
Total Treated	1014	394	1408
Total Discharged	314	106	420
Total in Hospital End of Fiscal Year	700	288	988

TABLE NO. 36—MOVEMENT OF POPULATION FROM DECEMBER 1, 1915
TO NOVEMBER 30, 1916, INC.

	Male	Female	Total
Number in Hospital Beginning Year	700	288	988
Number Admitted During Fiscal Year.....	352	140	492
Total Treated	1052	428	1480
Discharged Recovered	106	14	120
Discharged Improved	64	74	138
Deaths	101	30	131
Escaped	22	....	22
Deported	2	....	2
Total Discharged	295	118	413
Total Treated	1052	428	1480
Total Discharged	295	118	413
Total in Hospital End of Fiscal Year	757	310	1067

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TABLE NO. 37—BOUNTIES PAID ON WILD ANIMALS BY THE STATE FROM 1912 TO 1915 INCLUSIVE.

COUNTY	1912			1913			1914			1915		
	Wolves, \$15	Coyotes, \$3	Mountain Lions, \$10	Wolves, \$15	Coyotes, \$3	Mountain Lions, \$10	Wolves, \$15	Coyotes, \$3	Mountain Lions, \$10	Wolves, \$15	Coyotes, \$3	Mountain Lions, \$10
Beaverhead.....	\$3	2,468	2 \$ 7,910	36 .96	1,897	\$ 6,051	28 .05	2,097	\$ 6,732	29 .21	2,027	\$ 6,497
Big Horn.....	13 .27	1,105	3 .591	37 .96	1,756	3,111	28 .05	1,643	5 .614	25 .21	1,039	3 .555
Blaine.....	8 .10	385	2 .276	3 .591	13 .17	1,639	8 .6	1,667	4 .839	5 .6	1,223	3 .662
Broadwater.....	10 .16	638	2 .062	14 .411	1 .411	1,443	3 .3	408	1 .269	3 .329	1 .996	2 .205
Carbon.....	41 .63	1,002	2 .829	18 .587	3 .32	3,032	58 .19	1,680	3 .363	2 .513	680	2 .692
Chouteau.....	54 .86	2,099	3 .829	33 .25	1 .475	4,851	38 .19	1,889	3 .355	25 .25	858	2 .701
Clayton.....	13 .232	4,744	10 .939	108 .325	1 .656	12,296	78 .6	2,456	8 .748	117 .18	5,584	5 .826
Dawson.....	106 .95	2,101	1 .188	60 .31	1 .856	1,655	36 .31	2,611	5 .635	15 .30	697	2 .406
Deer Lodge.....	6 .77	77	3 .321	3 .91	3 .318	6,571	7 .7	110	5 .334	12 .306	73	2 .219
Fallon.....	44 .46	1,932	2 .51	6 .545	51 .33	1,891	12 .22	2,018	12 .1	31 .515	4 .818	7 .353
Fergus.....	98 .58	555	3 .33	3 .466	46 .501	8 .253	18 .22	2,099	3 .35	6 .552	24 .9	2 .322
Flathead.....	15 .6	759	2 .521	6 .6	901	1 .8	2,803	2 .2	2,198	38 .657	4 .438	4 .43
Gallatin.....	308 .1	934	3 .31	3 .04	1 .961	1 .1	289	1 .1	2,198	1 .1	717	1 .163
Granite.....	6 .1	640	2 .013	16 .51	1 .736	5,511	18 .24	1,313	8 .892	22 .13	1,389	2 .001
Hill.....	36 .10	1,093	3 .906	22 .589	2 .214	6,629	3 .3	324	1 .017	10 .231	4 .231	4 .336
Lewis & Clark.....	117 .14	51	6 .037	8 .850	5 .22	839	11 .7	707	1 .297	14 .6	1 .263	1 .693
Madison.....	22 .4	612	1 .519	9 .112	14 .844	94 .3	458 .8	2 .1	2,933	197 .1	4 .47	3 .126
Meagher.....	22 .4	838	1 .3031	40 .599	1 .1	1,942	9 .1	475	1 .1	4 .570	495 .3	1 .601
Mineral.....	53 .1	380	1 .150	4 .46	5 .391	6 .28	613 .1	2 .1	1,322	26 .1	604 .1	2 .222
Missoula.....	68 .53	1,247	3 .492	8 .41	519	1 .950	44 .1	44	1 .132	93 .2	239	1 .035
Musselshell.....	128 .55	1,526	3 .634	49 .544	49 .1	1,049	3 .792	7 .26	864 .1	3 .135	471 .1	1 .473
Park.....	11 .1	638	1 .219	3 .3	3 .58	1 .806	2 .2	636 .1	2 .379	6 .21	638	6 .234
Powell.....	.....	387	3 .1,191	2 .3	3 .10	1 .960	2 .2	276 .1	1 .338	8 .1	1 .393	1 .632
Prairie.....	78 .179	1,821	7 .142	68 .31	1 .543	5,742	54 .61	1,78	1 .735	5 .5	205 .1	1 .299
Richland.....	1 .108	350	1 .123	3 .384	1 .123	1 .66	1 .278	3 .1	4 .528	104 .61	1 .458	6 .117
Rosebud.....	1 .1	289	9 .10	8 .166	8 .166	632	1 .1	404	1 .227	1 .246	1 .491	1 .491
Sheridan.....	3 .1	660	2 .113	6 .495	6 .495	1,960	127 .1	1 .396	4 .1	1 .95	1 .655	1 .384
Silver Bow.....	21 .6	2,619	8 .124	5 .10	2 .278	6,939	2 .3	1,480	1 .485	9 .2	1 .597	4 .932
Stillwater.....	6 .29	2,485	11 .719	49 .57	3 .036	10 .015	44 .2	2 .377	741 .2	1 .426	1 .293	1 .7416
Teton.....	55 .97	3 .485	6 .333	22 .4	1 .034	3 .414	10 .10	664 .1	1 .132	1 .423	1 .272	1 .188
Valley.....	45 .45	1,841	6 .333	22 .4	1 .034	3 .414	10 .10	664 .1	2 .172	3 .18	463 .1	1 .188
Whitman.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1,184,990	36,674	72	\$131,472	888	658,22,626	43	\$113,642	891	606,32,816	51	\$114,141

Amount paid for
Bounty Claims.

Coyotes, \$3

Mountain Lions, \$10

Wolves, \$15

Coyotes, \$3

Mountain Lions, \$10

TABLE NO. 38—GRAIN ELEVATORS IN MONTANA.

Location	No.	Capacity in Bushels	Location	No.	Capacity in Bushels
Big Horn			Dawson		
Hardin	2	60,000	Glendive	3	110,000
Lodge Grass	1	25,000	Hodges	1	30,000
Wyola	1	20,000	Intake	3	68,000
Blaine			Marsh	1	25,000
Chinook	3	87,000	Richey	1	30,000
Coburg	2	60,000	Stipek	2	55,000
Harlem	4	120,000	Deer Lodge	1	35,000
Lohman	2	60,000	Fallon		
Savoy	1	30,000	Baker	4	95,000
Yantic	2	60,000	Carlyle	2	15,000
Zurich	3	90,000	Ekalaka	1	30,000
Beaverhead			Kingmont	1	20,000
Dillon	2	90,000	Ollie	3	110,000
Broadwater			Plevna	4	85,000
Louisville	1	40,000	Westmore	2	70,000
Toston	1	20,000	Fergus		
Townsend	2	70,000	Arrow Creek	2	40,000
Cascade			Becket	1	20,000
Armington	1	30,000	Benchland	4	130,000
Belt	2	53,000	Brooks	2	50,000
Blythe	1	30,000	Buffalo	4	110,000
Cascade	3	140,000	Christina	1	25,000
Fife	1	30,000	Coffee Creek	4	100,000
Fields	1	30,000	Danvers	2	45,000
Fort Shaw	1	22,000	Denton	4	110,000
Gordon	1	22,000	Dover	2	55,000
Great Falls	3	925,000	Fergus	1	25,000
Geyser	2	55,000	Forest Grove	1	20,000
Monarch	1	22,000	Garnell	2	50,000
Portage	3	80,000	Glengarry	2	60,000
Raynesford	2	60,000	Grass Range	2	50,000
Salem	2	47,000	Hauck	1	22,000
Sand Coulee	1	22,000	Hilger	1	25,000
Simms	1	27,000	Hobson	3	105,000
Spión Kop	1	28,000	Hoosac	2	40,000
Stockett	2	60,000	Kolin	3	80,000
Sun River	1	30,000	Lewistown	4	130,000
Swift	1	30,000	Mendon	1	28,000
Ulm	2	52,000	Moccasin	3	78,000
Vaughn	1	30,000	Moore	3	125,000
Wayne	1	22,000	Rocky Spur	1	22,000
Carbon			Rossfork	2	47,000
Boyd	1	35,000	Roy	2	50,000
Brider	2	50,000	Sipple	1	30,000
Edgar	1	35,000	Stanford	3	85,000
Fromberg	1	20,000	Sufolk	2	50,000
Joliet	1	40,000	Ware	2	50,000
Mason	1	40,000	Windham	2	52,000
Red Lodge	1	30,000	Winifred	3	80,000
Roberts	2	50,000	Straw	3	80,000
Silesia	1	35,000	Flathead		
Chouteau			Big Arm	1	22,000
Benton	3	75,000	Columbia Falls	1	25,000
Big Sandy	4	117,000	Kalispell	4	490,000
Carter	4	112,000	Polson	3	95,000
Chappell	3	80,000	Gallatin		
Cairo	1	30,000	Accola	1	25,000
Floweree	2	52,000	Amsterdam	1	27,000
Geraldine	3	75,000	Belgrade	4	580,000
Highwood	3	75,000	Bozeman	5	495,000
Kershaw	1	30,000	Greenwood	1	40,000
Montague	2	50,000	Holland	1	40,000
Red Coulee	1	30,000	Logan	1	30,000
Square Butte	3	75,000	Manhattan	4	545,000
Tunis	2	60,000	Maudlow	1	30,000
Verona	1	52,000	Menard	1	25,000
Virgelle	1	30,000	Salesville	1	40,000
Waltham	2	50,000	Springhill	1	25,000
Custer			Three Forks	3	90,000
Ismay	3	75,000	Willow Creek	2	55,000
Miles City	2	50,000			

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TABLE NO. 38—GRAIN ELEVATORS IN MONTANA—Continued.

Location	No.	Capacity in Bushels	Location	No.	Capacity in Bushels
Granite			Prairie		
Drummond	1	30,000	Fallon	2	55,000
Itall	1	25,000	Mildred	2	45,000
Philipsburg	1	10,000	Terry	3	80,000
Hill			Ravalli		
Box Elder	4	120,000	Hamilton	2	135,000
Burnham	2	60,000	Stevensville	1	22,000
Chester	3	75,000	Victor	1	70,000
Fresno	2	50,000	Richland		
Gildford	4	120,000	Burns	1	15,000
Havre	3	100,000	Crane	2	60,000
Hingham	3	85,000	Enid	4	120,000
Inverness	3	90,000	Epworth	1	30,000
Joplin	3	90,000	Gettysburg	2	60,000
Kremlin	3	90,000	Lambert	4	125,000
Laredo	1	30,000	Lane	1	30,000
Lothair	3	65,000	Manrock	3	90,000
Rudyard	3	95,000	Sidney	4	198,000
Tiber	1	15,000	Savage	3	85,000
Xenia	1	30,000	Rosebud		
Lewis & Clark			Finch	1	30,000
Gilman	1	27,000	Forsyth	2	50,000
Helena	1	25,000	Hathway	1	20,000
Riebeling	2	52,000	Hysham	1	30,000
Jefferson			Ingomar	1	25,000
Piedmont	1	30,000	Rosebud	1	20,000
Whitehall	1	30,000	Sumatra	1	20,000
Madison			Vananda	1	25,000
Anceny	1	30,000	Sanders		
Harrison	2	33,000	Dixon	1	20,000
Jefferson	1	30,000	Perma	2	35,000
Twin Bridges	1	30,000	Plains	1	15,000
Meagher			Sheridan		
Harlowton	1	200,000	Antelope	4	98,000
Hedges	1	22,000	Archer	2	55,000
Judith Gap	2	55,000	Bainville	2	60,000
Nibill	1	30,000	Brockton	2	60,000
Oxford	1	30,000	Comertown	2	45,000
Ringling	2	50,000	Daleview	2	60,000
Shawmut	1	20,000	Dooley	4	105,000
Two Dot	1	20,000	Culbertson	3	67,000
White Sulphur Spgs.	1	20,000	Flaxville	3	75,000
Missoula			Froid	3	95,000
Arlee	1	70,000	Homestead	3	82,000
Missoula	2	180,000	Lakeside	1	30,000
Ravalli	2	45,000	Lanark	1	22,000
Musselshell			McCabe	2	55,000
Barber	1	25,000	Madoc	3	68,000
Belmont	2	50,000	Medicine Lake	4	125,000
Cushman	1	22,000	Midby	1	30,000
Delphia	1	20,000	Mondak	2	65,000
Franklin	2	50,000	Navajo	1	25,000
Gage	2	50,000	Nohle	1	30,000
Lavina	2	60,000	Outlook	5	140,000
Melstone	1	15,000	Plentywood	3	90,000
Musselshell	2	37,000	Poplar	5	117,000
Roundup	4	88,000	Raymond	2	50,000
Rvgate	3	75,000	Redstone	2	50,000
Wallum	1	30,000	Reserve	3	73,000
Park			Scobey	5	150,000
Chadbourn	1	27,000	Westby	3	80,000
Clyde Park	2	64,000	Wolf Point	3	80,000
Livingston	1	75,000	Whitetail	3	105,000
Shields	1	6,000	Stillwater		
Wilsall	4	145,000	Columbus	2	55,000
Phillips			Merill	1	40,000
Dodson	3	80,000	Park City	2	47,000
Malta	4	120,000	Reed Point	3	85,000
Saco	4	90,000	Sweet Grass		
Strater	1	30,000	Big Timber	2	90,000
Wagner	1	20,000	Greycliff	1	15,000

TABLE NO. 38— GRAIN ELEVATORS IN MONTANA—Continued.

Location	No.	Capacity in Bushels			
Teton			Valley		
Agawam	2	60,000	Beaverton	1	22,000
Ashueldt	2	50,000	Frazer	1	25,000
Baltic	1	25,000	Glasgow	3	50,000
Bole	2	47,000	Hinsdale	3	50,000
Brady	3	85,000	Nashua	3	75,000
Bynum	2	55,000	Oswego	2	60,000
Choteau	2	55,000	Paisley	1	30,000
Collins	2	55,000	Tampico	1	25,000
Conrad	5	155,000	Vandalia	1	15,000
Cut Bank	4	120,000	Whatley	1	30,000
Dutton	3	90,000	Wiota	1	30,000
Fairfield	3	80,000	Wibaux		
Fowler	1	22,000	Wibaux	5	175,000
Hobson Spur	1	50,000	Yates	2	65,000
Ledger	1	25,000	Yellowstone		
Manson	1	27,000	Action	2	65,000
Pendroy	5	150,000	Billings	3	150,000
Power	3	90,000	Broadview	3	105,000
Sloan	2	60,000	Comanche	2	65,000
Valier	3	97,000	Custer	1	30,000
Williams	2	57,000	Hesper	1	30,000
Withey	1	22,000	Huntley	1	30,000
Toole			Laurel	3	76,000
Aloe	1	5,000	Pompey's Pillar	1	50,000
Devon	4	105,000	Sheperd	1	35,000
Dunkirk	4	120,000	Shorey	1	30,000
Ethridge	2	55,000	Yegen	1	40,000
Galata	4	120,000	TOTAL	623	20,446,000
Kevin	1	30,000			
Shelby	1	16,000			
Sunburst	1	25,000			
Telstad	1	15,000			

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TABLE NO. 39—MINES INSPECTED, MEN EMPLOYED, ACCIDENTS AND PERCENTAGES.

The following table gives the number of mine accidents, the number of men employed and the fatal and non-fatal accidents in the metaliferous mines during the past twenty-four years:

Year	Mines Inspected	Men Employed	Fatal Accidents	Non-Fatal Accidents	Total Accidents	Percentage of Fatal Accidents per 1,000 Men Employed
1893	56	6,312	29	4	33	6.45
1894	78	7,082	27	19	46	3.81
1895	88	8,758	41	18	59	4.67
1896	78	7,727	64	21	85	8.28
1897	130	9,825	52	29	81	5.20
1898	136	11,096	48	29	77	4.32
1899	165	12,316	49	32	81	3.97
1900	163	13,996	47	35	82	3.26
1901	157	12,078	35	33	68	3.00
1902	169	13,784	47	45	92	3.41
1903	168	14,175	39	50	89	2.74
1904	176	14,480	41	55	96	2.83
1905	186	14,680	48	41	89	2.83
1906	190	15,000	52	43	95	3.20
1907	290	15,000	42	21	63	2.70
1908	280	14,000	21	17	38	1.32
1909	280	14,500	47	31	78	3.00
1910	280	14,000	51	30	81	3.60
1911	270	14,000	46	20	66	3.28
1912	278	14,500	47	25	72	3.21
1913	225	15,000	49	45	94	3.16
1914	200	15,000	41	37	78	2.73
1915	176	15,000	39	25	64	2.60
1916	180	16,500	62	28	90	3.75

TABLE NO. 40—MONTANA'S MINERAL OUTPUT.

Year	Gold	Silver	Copper	Lead	Zinc	Totals
1862 to 1881	\$200,000,000	\$ 11,000,000	\$ 1,529,860	\$.....	\$.....	\$ 211,000,000
1882	2,550,000	4,370,000	3,452,960	226,424	.....	8,459,860
1883	1,800,000	6,000,000	5,386,500	246,326	.....	11,479,384
1884	2,170,000	7,000,000	6,179,800	274,350	.....	14,802,826
1885	1,500,000	13,819,000	8,761,200	491,132	.....	21,954,150
1886	4,402,000	17,817,538	8,653,750	607,662	.....	24,516,332
1887	5,978,536	15,750,736	15,103,946	569,160	.....	33,257,496
1888	4,200,253	19,393,939	13,334,970	565,975	.....	36,685,884
1889	3,500,000	20,303,636	16,630,958	964,089	.....	43,029,827
1890	2,890,000	20,139,394	14,647,336	1,229,024	.....	38,635,557
1891	2,891,386	22,492,323	19,105,464	990,035	.....	45,419,308
1892	3,576,600	21,858,780	16,630,958	946,089	.....	43,029,827
1893	3,651,410	16,515,458	17,232,718	730,551	.....	38,191,137
1894	4,325,040	22,886,992	21,114,869	754,360	.....	49,032,261
1895	4,380,671	20,324,817	25,356,541	670,010	.....	50,732,099
1896	4,496,431	21,730,710	19,386,315	928,619	.....	53,934,675
1897	5,247,913	19,159,482	26,102,616	809,056	.....	51,319,667
1898	8,819,157	21,736,835	40,941,906	909,410	.....	68,437,308
1899	4,736,225	18,482,211	39,827,135	701,156	.....	63,746,727
1900	1,802,717	18,334,443	36,751,837	498,622	.....	60,337,619
1901	4,400,095	17,602,285	24,906,038	332,749	.....	46,961,167
1902	4,590,516	17,097,702	28,290,696	387,445	.....	50,276,555
1903	5,097,786	18,887,227	36,110,310	195,525	.....	60,530,818
1904	4,889,234	17,339,912	48,165,277	227,160	.....	70,677,583
1905	4,469,014	8,927,072	56,105,288	254,390	.....	68,835,764
1906	3,286,212	6,149,619	44,021,158	198,660	.....	53,636,249
1907	3,057,640	5,488,785	33,220,149	193,056	.....	42,036,710
1908	3,791,510	6,436,331	40,567,541	128,287	.....	51,429,694
1909	3,730,486	6,567,942	36,170,686	180,677	.....	50,422,253
1910	3,710,571	6,351,794	34,105,962	289,421	.....	46,955,287
1911	3,625,235	7,829,597	51,106,914	335,104	.....	64,754,613
1912	3,493,432	8,316,737	44,013,448	481,176	.....	61,900,546
1913	4,117,911	6,615,102	31,019,542	376,584	.....	7,819,747
1914	4,978,300	7,195,000	60,000,000	550,000	.....	54,500,000
1915	5,000,000	12,500,000	97,600,000	1,000,000	.....	87,000,000
1916	.....	.....	.....	.....	.....	142,100,000
TOTAL	.....	.....	.....	.....	.....	\$1,946,085,246
	.....	.....	.....	.....	.....	\$58,311,241
	.....	.....	.....	.....	.....	\$18,138,555
	.....	.....	.....	.....	.....	\$1,027,304,782
	.....	.....	.....	.....	.....	\$503,893,627
	.....	.....	.....	.....	.....	\$339,259,870

TABLE NO. 41—MINE PRODUCTION OF COPPER IN 1915 IN POUNDS.

County	Dry or siliceous ore	Copper ore	Lead ore	Zinc ore	Copper-lead ore	Lead-zinc ore	Total
Beaverhead	2,248	50,382	73,358	.....	.....	.....	125,988
Broadwater	627,186	48,751	.....	.....	.....	.....	675,937
Cascade	795	.....	3,570	.....	.....	.....	4,365
Deer Lodge	139,106	127	.....	.....	.....	.....	139,233
Fergus	509	.....	788	.....	.....	.....	1,297
Granite	6,445	75,876	.....	.....	.....	.....	82,321
Jefferson	12,682	53,633	1,417	.....	2,218	677	70,627
Lewis & Clark ..	810	14,408	1,689	.....	.....	.....	16,907
Madison	10,712	587	6,752	.....	.....	.....	18,051
Meagher .....	.....	3,430	.....	.....	.....	.....	3,430
Mineral .....	.....	36,502	.....	.....	.....	.....	36,502
Missoula	938	2,182	.....	.....	.....	.....	3,120
Powell	748	8,412	.....	.....	.....	.....	9,160
Sanders .....	.....	16,987	.....	20,620	.....	.....	37,607
Silver Bow	94,724	262,733,635	174	1,911,190	1,266,747	266,006,469	
	*896,903	263,044,912	87,748	1,911,190	22,838	1,267,423	267,231,014

*Includes 790,345 pounds from gold ore, 6,287 pounds from gold and silver ore and 100,271 pounds from silver ore.

TABLE NO. 42—STATE BOILER INSPECTOR FINANCIAL STATEMENT
COVERING TWO YEARS ENDING NOV. 30, 1916.

RECEIPTS.

From Appropriations:			
For salaries and expenses, two years			\$33,400.00
From Office Receipts:			
License fees, 1915		\$ 8,386.50	
License fees, 1916		8,859.00	
Boiler Inspection fees, 1915		12,185.00	
Boiler Inspection fees, 1916		11,135.00	
			\$40,565.50
Total			\$73,965.50
		DISBURSEMENTS.	
Salaries and expenses		\$32,800.00	
Balance of appropriation unexpended		600.00	
Amount paid into State Treasury			\$33,400.00
			40,656.50
Total			\$73,965.50
Receipts of office		\$40,565.50	
Expenses of office		32,800.00	
Surplus			\$ 7,765.50

TABLE NO. 43—BOILER EXPLOSIONS IN THE UNITED STATES BY MONTHS FOR THE YEARS 1914 AND 1915.

Month	Number of Explosions		Persons Killed		Persons Injured		Total of Killed and Injured	
	1914	1915	'914	'915	'914	'915	1914	1915
January	59	38	21	15	47	18	68	33
February	64	39	13	17	33	5	46	22
March	40	30	10	8	29	19	39	27
April	31	18	10	4	14	7	24	11
May	35	26	24	16	20	14	44	30
June	28	18	14	3	17	11	31	14
July	18	22	8	8	5	13	13	21
August	29	34	7	13	25	44	32	57
September	30	40	8	3	24	19	32	22
October	37	51	13	19	46	46	59	65
November	34	38	12	10	18	12	30	22
December	62	50	8	16	37	28	45	44
Totals	467	404	148	132	315	236	463	368

TABLE NO. 44—NATURE AND NUMBER OF DEFECTS NOTED IN BOILER INSPECTIONS IN MONTANA FOR THE YEARS 1915 AND 1916.

Nature of Defect	Noted		Dangerous	
	1915	1916	1915	1916
Cases of incrustation and scale	399	286	212	84
Cases of internal corrosion and pitting	79	52	73	20
Cases of external corrosion and pitting	22	7	21	12
Broken stays and braces	33	19	46	11
Loose and defective stays and braces	31	12	13	8
Furnaces defective	85	33	41	12
Cracked plates	21	10	21	10
Crystallized plates	23	11	23	9
Bagged plates	18	12	18	12
Defective rivets	240	91	212	39
Leaky tubes	1,520	1,480	640	329
Defective setting of water columns	19	11	19	11
Defective blow-offs	9	4	9	4
Safety valves overloaded	89	43	89	43
Defective safety valves	20	19	20	19
Cut-off between safety valve and boiler .....	..	..	..	..
Defective pressure gauges	290	270	220	212
Defective steam pipes and connections	70	53	40	28
Total	2,968	2,413	1,717	863

SECOND BIENNIAL REPORT

TABLE NO. 45—DAYS OPERATED: VARIOUS CLASSES OF MEN EMPLOYED; POUNDS POWDER USED; TONS OF COAL SOLD LOCALLY, LOADED ON LOCOMOTIVES, USED AT MONTANA MINES OR WASTED, BY COUNTIES FOR THE YEAR 1915.

County	Reportees of Days Operating	Picks Miners Employed	Matchmen Operators and Helpers	Loaders	Insiders Daymen	Outsiders Daymen	Men Employed	Total Number Employed	Pounds Powder and Dynamite Used	Tons Coal Local Used	Tons Coal Wasted	Tons Coal Locomotives Used	Tons Coal Locally Shipped	Tons Coal Used	
Blaine	2	240	11	43	185	3	32	230	1,496	3,750	5,936	129,850	10,463	993,731	.....
Carbon	14	182	109	183	200	208	111	761	553,874	29,095	29,095	11,542	10,172	13,816	543,942
Cascade	1	300	4	... ..	... ..	2	...	1,150	1,150	5,116	5,116	...	...	...	...
Chouteau	7	190	33	6	18	14	55	126	23,825	5,154	13,322	...	...	...	35,943
Fergus	7	229	32	... ..	... ..	6	3	41	21,150	13,380	13,380	...	...	...	40
Hill	1	145	33	... ..	... ..	1	...	4	125	140	140	...	25	...	...
Missoula	4	149	163	31	313	205	123	825	261,675	7,359	39,423	...	...	...	788,568
Park	1	98	24	... ..	1	4	6	29	10,060	1,149	1,149	22,18,000	14,287	1,800	5,140
Phillips	1	321	13	... ..	... ..	3	4	...	...	22	18,000	14,287	...	...	...
Richland	2	222	8	... ..	... ..	4	2	14	17,700	1,206	1,206	...	...	...	1,847
Sheridan	9	192	29	... ..	... ..	7	3	39	17,525	10,691	10,691	...	...	...	1,081
Stillwater	1	280	2	... ..	... ..	1	1	3	1,000	610	610	...	...	...	1,081
Toole	1	192	5	... ..	... ..	1	2	250	1,916	8	8	...	...	...	...

TABLE NO. 46—DAYS OPERATED; VARIOUS CLASSES OF MEN EMPLOYED; POUNDS POWDER USED; TONS OF COAL SOLD LOCALLY, LOADED ON LOCOMOTIVES, USED AT MONTANA MINES OR WASTED. BY COUNTIES FOR THE YEAR 1916

County	Reportees Properties of Days Operating	Pick Miners Employed	Machinists and Helpers Employed	Loaders Employed	Inside Daymen Employed	Outside Daymen Employed	Total Number Men Employed	Pounds Powder Used	Tons Coal Locally Sold Used	Waste At Mine or Used	Tons Coal Locomotives Used	Tons Coal Locomotives Shipped
Blaine	2	250	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carlton	9	208	776	49	268	326	4	24	13,700	8,149	38,514	21,018
Cascade	13	217	162	103	203	183	12	256	1,675	771,058	12,292	1,394,980
Chouteau	1	260	3	.....	.....	.....	4	778	264,125	12,292	7,503	25,687
Fergus	8	220	24	16	103	72	73	1,500	2,863	8,136	6,460	699,383
Hill	6	215	21	.....	.....	3	4	290	72,650	14,700	10,711	20
Missoula	1	203	10	.....	.....	4	3	16	600	1,972	42,334	.....
Musselshell	6	221	178	30	360	255	105	928	389,875	15,660	42,334	964,062
Park	1	152	1	2	2	2	1	6	1,500	3,43	1,019	183
Phillips	1	360	16	.....	.....	1	1	13	21,500	18,204	8,529	3,898
Richland	2	230	13	.....	.....	5	5	20	36,200	8,529	75	9,354
Sheridan	8	201	27	.....	.....	6	5	38	21,100	11,375	250	3,600
Toole	1	161	5	.....	.....	1	1	8	800	1,427	160	.....

SECOND BIENNIAL REPORT

TABLE NO. 47—TOTAL TONNAGE AND VALUE OF COAL AT MONTANA MINES BY COUNTIES FOR THE YEARS 1915 AND 1916.

County	Tonnage		Value	
	1915	1916	1915	1916
Blaine.....	5,936	8,149	\$ 15,990.25	\$ 24,447.00
Carbon.....	1,163,129	1,618,579	1,987,040.53	2,848,633.00
Cascade.....	579,472	744,775	818,231.21	1,039,383.00
Chouteau.....	526	2,863	1,841.00	10,022.00
Fergus.....	54,329	220,615	65,442.17	327,646.00
Hill.....	13,380	10,731	32,298.50	24,119.00
Missoula.....	205	1,972	512.00	4,865.00
Musselshell.....	835,350	1,022,066	1,249,315.20	1,501,445.00
Park.....	7,089	5,443	18,000.00	13,607.00
Phillips.....	14,287	18,204	42,861.00	36,408.00
Richland.....	9,053	17,958	16,394.40	28,967.00
Sheridan.....	11,772	15,425	23,894.00	30,651.00
Stillwater.....	610	.....	1,830.00	.....
Toole.....	1,916	1,527	11,496.00	9,162.00
	2,697,054	3,688,307	\$4,285,146.26	\$5,899,355.00

TABLE NO. 48—SUMMARY.

Total number of various classes of men employed in and around the coal mines of Montana, together with the production, value of coal, kegs of powder used and per cent of fatal and non-fatal accidents per one thousand men employed for the years 1915 and 1916.

	1915	1916
Mines reported as producing.....	60	59
Machine operators employed.....	183	199
Loaders employed.....	717	936
Miners employed.....	1,162	1,252
Inside daymen employed.....	801	864
Outside daymen employed.....	536	583
Total number men employed.....	3,399	3,834
Tons produced per man, per day.....	4.1	4.2
Total tonnage.....	2,697,054	3,688,307
Total value.....	\$4,285,146	\$5,899,355
Tons produced per life lost.....	269,705	194,121
Tons produced per serious accident.....	61,297	62,514
Men employed per fatal accident.....	340	202
Men employed per non-fatal accident.....	77	65
Per cent killed per 1,000 men.....	2.9	4.9
Per cent seriously injured per 1,000.....	13	15
Number kegs powder used.....	44,354	64,372
Tons coal mined by machine.....	1,408,343	1,887,116
Tons coal mined by hand.....	1,288,711	1,801,191
Per cent of coal mined by machine.....	52	51
Per cent of coal mined by hand.....	48	49
Total number of lives lost.....	10	19
Total number seriously injured.....	44	59

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